ACTUATE
e.Reporting Suite 6

knowledge

delivery

vision

direction

Actuate e.Reporting Suite 6 Glossary

Contents

Terminology map

If you are familiar with another reporting tool, the words you use to refer to reporting concepts may be different from the words used in Actuate documentation. To help you make the transition, this table lists some important terms from the world of reporting and gives the equivalent Actuate terminology.

Reporting term	Actuate term
attribute	property
auto arrange	space evenly
break group	group
break report	grouped report
browser	web browser
calculated field	calculated control or computed field
criteria	parameters
detail section	detail frame or innermost frame
Expert	wizard
field	column or control
footer	page footer
formula	expression
Formula Editor	Expression Builder
group field	group key
Group Footer	After
Group Header	Before
group level	group
groups/totals report	grouped report

Reporting term	Actuate term
header	page header
layout painter	Design Editor
level break listing	grouped report
link	join
link field	key
live header	Before
matrix report	crosstab report
N-up report	multi-column page layout
on-demand subreport	demand paging
parameter field	ad hoc parameter or static parameter
property sheet	Properties tab in Component Editor
region	frame
repeating frame	detail frame or innermost frame
report	e.report
Report Footer	After
Report Gallery	Create New Report dialog
Report Header	Before
report painter	Design Editor
request	query
section	frame
select painter	Query Editor
selection formula	parameter
setting	property
shortcut menu	context menu
sort-and-group-by field	group key
sort field	sort key
summary	aggregate row
two pass formula/function	lookahead aggregate
underlay	watermark
verify	synchronize query
x-axis	x-axis or category axis
y-axis	y-axis or value axis

G l o s s a r y

absolute cell reference

A cell reference that points to an exact location on an Actuate e.Spreadsheet Designer worksheet. When an e.Spreadsheet cell containing an absolute reference is moved or copied, it always continues to refer to the originally referenced cells.

Related terms
Actuate e.Spreadsheet Designer
cell
cell reference
Contrast with
external cell reference
relative cell reference

abstract base class

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a class created to organize a class hierarchy or define methods and variables that apply to derived classes. An abstract base class is one for which instances cannot be created.

Related terms
base class
class
class hierarchy
method
variable
Contrast with
concrete base class

abstract data type

See user-defined data type.

Abstract Window Toolkit (AWT)

A set of components used for developing Java^{TM} graphics applications. The Swing component architecture extends this toolkit.

Related terms
Swing component architecture
Java

access control list (ACL)

A list of security IDs for an item in a Report Encyclopedia volume. If a security ID in the access control list matches any user ID, the page on which that item appears is accessible to the owner of that user ID.

Related terms
page
Actuate Page Level Security Option
Report Encyclopedia volume
security ID
Contrast with
privilege

Active Portal

See Actuate Active Portal.

active request

A task currently eligible for execution on a server. An active request begins to run when a Factory process becomes available.

Related terms
Factory process
request
Contrast with
job

Active Server Page (ASP)

A web server technology developed by Microsoft Corporation that supports creation of dynamic, interactive sessions. The technology contains both HTML and embedded programming code written in VBScript or JavaScript.

Related terms
hypertext markup language (HTML)
JavaScript
Contrast with
JavaServer Page (JSP)

ActiveX

See Actuate ActiveX Control.

Actuate Active Portal

A JavaServer Page technology that uses industry standard tools such as JavaScript and JavaServer Page tags to support accessing reports on the web. These reports are stored in a Report Encyclopedia volume on an Actuate e.Reporting Server.

Related terms
Actuate e.Reporting Server
JavaServer Page (JSP)
JavaScript
Report Encyclopedia volume
Contrast with
Actuate ReportCast technology

Actuate Active Portal Security Extension (APSE)

An application programming interface that supports the use of third-party security tools. The tag library supports customization of the user authentication process. This API is part of Actuate e.Reporting Server Integration Technology.

Related terms
Actuate e.Reporting Server Integration Technology
Application Programming Interface (API)
Contrast with
Actuate ReportCast Security Extension
Actuate Report Server Security Extension API

Actuate ActiveX Control

An integration technology used to embed Actuate reporting functionality into custom applications.For Actuate e.Reporting Suite 6, Actuate ActiveX Control is part of Actuate Basic Client Integration Technology. For Actuate e.Reporting Suite 5, this technology was part of Actuate e.Report Designer Professional.

Related terms
Actuate Basic Client Integration Technology
Actuate e.Report Designer Professional
application
Contrast with
Actuate e.Reporting Server Integration Technology

Actuate Administrator Desktop

A release 5 and earlier product used to manage Actuate e.Reporting Server. In release 6, Actuate Management Console replaces this product.

Related terms
Actuate e.Reporting Server
Actuate Management Console (AMC)

Actuate Advanced e.Reporting Server

See Actuate e.Reporting Server and Actuate Page Level Security Option.

Actuate Archive Driver API

An API that provides an interface between Actuate e.Reporting Server and third-party archive software. This API also supports the use of third party archiving hardware. For Actuate e.Reporting Suite 6, this technology is part of Actuate e.Reporting Server Integration Technology. For Actuate e.Reporting Suite 5, this technology was part of Actuate e.Report Designer Professional.

Related terms
Actuate e.Report Designer Professional
Actuate e.Reporting Server
Actuate e.Reporting Server Integration Technology
Application Programming Interface (API)
Contrast with
Actuate Software Development Kit (SDK)

Actuate Basic

A programming language that is syntax-compatible with Microsoft Visual Basic 3.0. Actuate Basic consists of standard Basic functions and statements, plus object-oriented language extensions. Report developers can write Actuate Basic code to go beyond what can be accomplished with the Actuate e.Report Designer Professional interface. Both Actuate e.Report Designer and Actuate e.Report Designer Professional use and run Actuate Basic code though only Actuate e.Report Designer Professional supports programming with Actuate Basic.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
function
object-oriented programming
statement
Contrast with
Actuate Foundation Class (AFC) Library

Actuate Basic and Actuate e.Report Designer Java Edition Option

An Actuate e.Reporting Server option that provides base report server capabilities including running, storing, and managing reports created using Actuate e.Report Designer, Actuate e.Report Designer Java Edition, and Actuate e.Report Designer Professional. Other Actuate e.Reporting Server Options include Actuate e.Analysis Option, Actuate e.Spreadsheet Option, Actuate Multi-Application Option, and Actuate Page Level Security Option.

Related terms
Actuate Basic

Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate e.Reporting Server
Contrast with
Actuate e.Analysis Option
Actuate e.Spreadsheet Option
Actuate Multi-Application Option
Actuate Page Level Security Option

Actuate Basic Client Integration Technology

A set of application programming interfaces that extend the functionality of
Actuate e.Report Designer Professional. The products include Actuate ActiveX
Controls, Actuate Requester API, and Actuate Search Extension API. Actuate
Requester API is also part of the Actuate e.Reporting Server Integration
Technology.
Related terms
Actuate ActiveX Control
Actuate e.Report Designer Professional
Actuate Requester API
Actuate Search Extension API
Application Programming Interface (API)
Contrast with
Actuate e.Reporting Server Integration Technology

Actuate Basic data type

See data type.

Actuate e.Analysis Option

An application that enables users to analyze search results in an e.report
written in dynamic hypertext markup language (DHTML). The analysis tool is
a Java applet that works with Actuate Basic reports only. This tool is available
as an additional purchase with Actuate e.Reporting Server and e.Report
Option: Actuate Basic and Actuate e.Report Designer Java Edition Option.

Other Actuate e.Reporting Server Options include Actuate e.Spreadsheet
Option, Actuate Multi-Application Option, and Actuate Page Level Security
Option. Actuate e.Analysis Option does not work with Actuate e.Report
Designer Java Edition reports. In addition, Actuate e.Analysis Option does not
work with Actuate e.Spreadsheet Designer worksheets.
Related terms
Actuate Basic and Actuate e.Report Designer Java Edition Option
Actuate e.Reporting Server
Actuate e.Spreadsheet Designer
Actuate e.Spreadsheet Option

Actuate Multi-Application Option
Actuate Page Level Security Option
applet
dynamic hypertext markup language (DHTML)
e.report
Java

Actuate End User Desktop

An application used to access e.reports, to schedule running of e.reports, to run e.reports on-demand, and to print and view e.reports.

Related term
e.report

Actuate e.Report Designer

An application that is a simplified, easy to use version of Actuate e.Report Designer Professional. Business users do not need to understand how to write Actuate Basic code to use this product. Their designs can be used to distribute structured content over the web. This tool is one of several report design tools including Actuate e.Report Designer Java Edition, Actuate e.Report Designer Professional, and Actuate e.Spreadsheet Designer.

Related terms
Actuate Basic
e.report
structured content
Contrast with
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer

Actuate e.Report Designer Java Edition

A Java application used to build e.report designs to distribute structured content over the web and to integrate with third-party products and end user applications. This tool is one of several report design tools including Actuate e.Report Designer, Actuate e.Report Designer Professional, and Actuate e.Spreadsheet Designer.
Related terms
e.report
Java
structured content

Contrast with
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer

Actuate e.Report Designer Java Edition Engine

A collection of class libraries that provide a run-time environment for the execution of reports developed with the Actuate e.Report Designer Java Edition that can be embedded in an application. The engine requires a separate license. from the license for Actuate e.Report Designer Java Edition.
Related terms
Actuate e.Report Designer Java Edition
application
engine
Java
library
Contrast with
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer
Actuate e.Spreadsheet Designer Engine

Actuate e.Report Designer Professional

An application that builds Actuate Basic report designs and reusable components. Such designs can be used to distribute structured content over the web. This application includes Actuate ActiveX Control, Actuate Requester API, and Actuate Search Extension collectively called Actuate Basic Client Integration Technology. This tool is one of several report design tools including Actuate e.Report Designer, Actuate e.Report Designer Java Edition, and Actuate e.Spreadsheet Designer.

Related terms
Actuate ActiveX Control
Actuate Basic
Actuate Basic Client Integration Technology
Actuate Requester API
Actuate Search Extension API
application
component
e.report
report object design
structured content

Contrast with
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Spreadsheet Designer
Actuate Software Development Kit (SDK)

Actuate e.Report Option

See Actuate Basic and Actuate e.Report Designer Java Edition Option.

Actuate e.Reporting Server

A set of cooperating processes functioning as a standalone report server or a cluster of report servers that manage information and service requests from users. For example, an Actuate e.Reporting Server provides scheduling, report generation of Actuate and third party reports, printing, and notification. There are several options that provide additional functionality for Actuate e.Reporting Server. These options require purchase separate from Actuate e.Reporting Server. The options include Actuate Basic and Actuate e.Report Designer Java Edition Option, Actuate e.Analysis Option, Actuate e.Spreadsheet Option, Actuate Multi-Application Option, and Actuate Page Level Security Option. Use Actuate e.Reporting Server Integration Technology to extend Actuate e.Reporting Server functionality.

Related terms
Actuate Basic and Actuate e.Report Designer Java Edition Option
Actuate e.Analysis Option
Actuate e.Reporting Server Integration Technology
Actuate e.Spreadsheet Option
Actuate Management Console (AMC)
Actuate Multi-Application Option
Actuate Page Level Security Option
cluster
Contrast with
server application
SGML (standard generalized markup language)

Actuate e.Reporting Server Integration Technology

In release 6, these tools form part of Actuate's extensive integration technology. Other integration technologies include Actuate Basic Client Integration Technology, Actuate e.Report Designer Java Edition Engine, and Actuate e.Spreadsheet Designer Engine.

■ Actuate archive driver supports the use of third party archiving software and hardware.

■ Actuate Information Delivery API uses XML technology and conforms to the SOAP specification. This API provides full programmatic access to Actuate e.Reporting Server. That API also provides support for clusters,

multiple-applications, and other functionality currently unavailable in the Report Server API.

- An Actuate e.Reporting Suite 5 technology, Actuate Report Server API implements common Report Encyclopedia volume tasks, integrates report server features into existing corporate applications, automates routine or time-consuming tasks, and implements new feature groupings for custom business processes. Access the report server API using C++. The Information Delivery API includes the same functionality but uses more current XML technology that conforms to the SOAP specification.

- Actuate Report Server Security Extension supports the use of third party security tools.

- Actuate Requester API accesses attributes and values of report parameters, changes the values of report parameters, controls how and when an e.report is generated, displays and prints reports, and configures report print setup. Access Actuate Requester API using Actuate Basic, C, C++, Progress 4GL, and Visual Basic. Actuate Requester API is also part of the Actuate Basic client Integration Technology.

Related terms
Actuate Archive Driver API
Actuate Information Delivery API
Actuate Report Server API
Actuate Report Server Security Extension API
Actuate Requester API
application
Application Programming Interface (API)
extensible markup language (XML)
parameter
report
Report Encyclopedia volume
simple object access protocol (SOAP)
Contrast with
Actuate Basic
Actuate Basic Client Integration Technology
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Java Edition Engine
Actuate e.Spreadsheet Designer
Actuate e.Spreadsheet Designer Engine
Actuate Software Development Kit (SDK)

Actuate e.Reporting System

An Actuate e.Reporting Server including its options. Actuate e.Reporting System operates in either standalone or cluster mode. The available options include Actuate Basic and Actuate e.Report Designer Java Edition Option,

Actuate e.Analysis Option, Actuate e.Spreadsheet Option, Actuate Multi-Application Option, and Actuate Page Level Security Option.

Related terms
Actuate Basic and Actuate e.Report Designer Java Edition Option
Actuate e.Analysis Option
Actuate e.Reporting Server
Actuate e.Spreadsheet Option
Actuate Multi-Application Option
Actuate Page Level Security Option
cluster

Actuate e.Spreadsheet Designer

An application used to design, create, analyze, and distribute custom spreadsheets over the web using Actuate e.Reporting System or an applications server. Actuate e.Spreadsheet Designer generates richly formatted Excel and spreadsheet-based reports. Other Actuate report design tools include Actuate e.Report Designer, Actuate e.Report Designer Java Edition, and Actuate e.Report Designer Professional.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate e.Reporting Server
Actuate e.Reporting System
application

Actuate e.Spreadsheet Designer Engine

A collection of class libraries that provide a run-time environment for the execution of reports developed with Actuate e.Spreadsheet Designer that can be embedded in an application. The engine requires a separate license from the license for Actuate e.Spreadsheet Designer.

Related terms
Actuate e.Spreadsheet Designer
application
engine
Contrast with
Actuate e.Report Designer Java Edition Engine

Actuate e.Spreadsheet Option

An open server application used to generate Microsoft Excel spreadsheets from Actuate e.Spreadsheet Designer files. This product enables customers to manage spreadsheet reports within the Actuate e.Reporting Server and save Actuate reports as richly formatted Excel spreadsheets. Other Actuate e.Reporting Server options include Actuate Basic and Actuate e.Report

Designer Java Edition Option, Actuate e.Analysis Option, Actuate Multi-Application Option, and Actuate Page Level Security Option.
Related terms
Actuate e.Reporting Server
Actuate e.Spreadsheet Designer
application
open server technology
Contrast with
Actuate Basic and Actuate e.Report Designer Java Edition Option
Actuate e.Analysis Option
Actuate Multi-Application Option
Actuate Page Level Security Option

Actuate e.Spreadsheet Server

See Actuate e.Reporting Server.

Actuate Foundation Class (AFC)

In Actuate e.Report Designer and Actuate e.Report Designer Professional, Actuate Foundation classes are the building blocks of report designs. Representative Actuate Foundation Classes include those that define charts, data sources, dates, frames, graphs, images, numbers, pages, and sections. Users can derive classes from the Actuate Foundation Classes.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
base class
chart
class
component
data source
frame
graph
image
page
section
Contrast with
Actuate Foundation Class (AFC) Library

Actuate Foundation Class (AFC) Library

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a library that contains Actuate Foundation Classes. The AFC.rol file contains the Actuate Foundation Class Library.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional

Actuate Foundation Class (AFC)
class
component library

Actuate Information Delivery API

An application programming interface using extensible markup language
(XML) and simple object access protocol (SOAP) messaging to integrate and
administer Actuate e.Reporting Server. This API is part of Actuate e.Reporting
Server Integration Technology.

Related terms
Actuate e.Reporting Server
Actuate e.Reporting Server Integration Technology
Application Programming Interface (API)
extensible markup language (XML)
simple object access protocol (SOAP)

Actuate Live Report Extension (LRX)

A browser plug-in used to access, view, and print Actuate Basic e.reports
accessed over the web. Actuate LRX runs in internet browsers such as
Netscape and Microsoft Internet Explorer. Actuate LRX differs from the
standard Actuate Viewer in that it does not contain the Navigator.

Live Report Extension (LRX) for Microsoft Internet Explorer
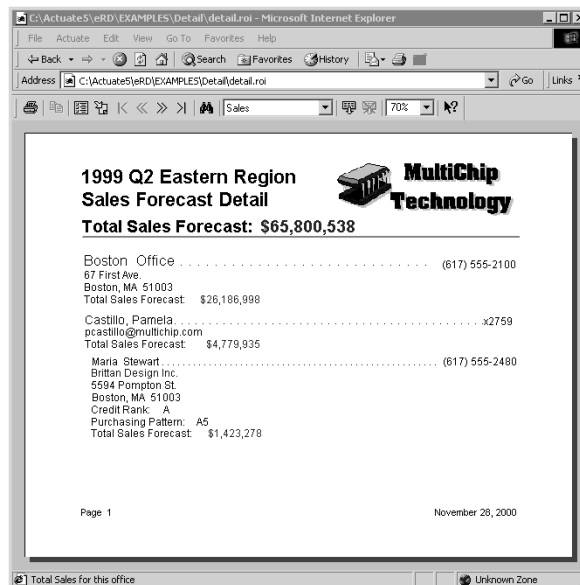
Live Report Extension (LRX) for Netscape Navigator
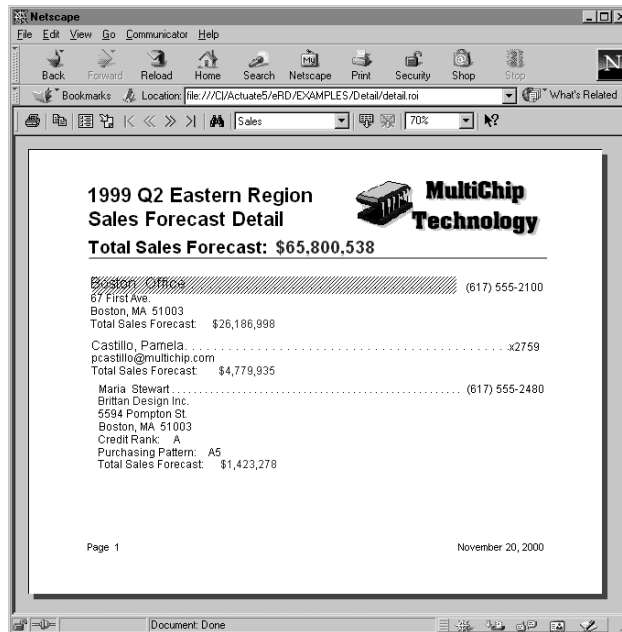
Related terms
Actuate Viewer
e.report
Navigator

Actuate Management Console (AMC)

A tool distributed as part of Actuate e.Reporting Server used to manage user accounts, security, and report servers. Administrators use Actuate Management Console to manage the Report Encyclopedia volume. Developers use Actuate Management Console to submit jobs. This tool replaces Actuate Administrator Desktop.

Related terms
Actuate e.Reporting Server
Report Encyclopedia volume

Contrast with
Actuate Administrator Desktop
retry policy
system administration console
volume administration console

Actuate Multi-Application Option

An Actuate e.Reporting Server option that supports managing multiple Report Encylopedia volumes. Other Actuate e.Reporting Server Options include Actuate Basic and Actuate e.Report Designer Java Edition, Actuate e.Analysis Option, Actuate e.Spreadsheet Option, and Actuate Page Level Security Option.

Related terms
Actuate Basic and Actuate e.Report Designer Java Edition Option
Actuate e.Analysis Option
Actuate e.Reporting Server
Actuate e.Spreadsheet Option
Actuate Page Level Security Option
Report Encyclopedia volume

Actuate Page Level Security Option

An Actuate e.Reporting Server option that controls access to structured content available on the web. This option works for reports created using Actuate e.Report Designer Professional and requires Actuate Basic and Actuate e.Report Designer Java Edition Option, Access privileges are based on user name or security role. Other Actuate e.Reporting Server Options include Actuate e.Analysis Option, Actuate e.Spreadsheet Option, and Actuate Multi-Application Option.

Related terms
access control list (ACL)
Actuate Basic and Actuate e.Report Designer Java Edition Option
Actuate e.Report Designer Professional
Actuate e.Reporting Server
security role
structured content

Contrast with
Actuate e.Analysis Option
Actuate e.Spreadsheet Option
Actuate Multi-Application Option

Actuate Palette Representation (.apr) file

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a file that contains class association information for the component palettes. The class association defines which component image to show on a palette button to represent a specific class.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
class
component
palette

Contrast with
Basic source (.bas) file
Actuate Palette Representation (.apr) file
e.Spreadsheet template (.vts) file
e.Spreadsheet template package (.vtf) file
report object design (.rod) file
report object executable (.rox) file
report object instance (.roi) file
report object library (.rol) file
report object web (.row) file
search definition (.ros) file

Actuate Report Server API

An Actuate e.Reporting Suite 5 and earlier application programming interface that implements common Report Encyclopedia volume tasks, integrates report server features into existing corporate applications, automates routine or time-consuming tasks, and implements new feature groupings for custom business processes. C++ can be used to access the report server API. Actuate Report Server API does not support multiple volumes. The equivalent Actuate e.Reporting Suite 6 technology is Actuate Information Delivery API that is part of Actuate e.Reporting Server Integration Technology. Actuate e.Reporting Server Integration Technology provides extended functionality for Actuate e.Reporting System.

Related terms
Actuate e.Reporting Server
Actuate e.Reporting Server Integration Technology
Actuate e.Reporting System
Actuate Information Delivery API
Application Programming Interface (API)
Report Encyclopedia volume

Actuate Report Server Security Extension API

An Actuate e.Reporting Server capability that adds security IDs to a Report Encyclopedia volume user's access control list (ACL). The Report Server Security Extension is only used with reports that contain page security. This API is part of the Actuate e.Reporting Server Integration Technology.

Related terms
access control list (ACL)
Actuate e.Spreadsheet Designer
Actuate Page Level Security Option
Application Programming Interface (API)
Report Encyclopedia volume
security ID

> **Contrast with**
> Actuate Active Portal Security Extension (APSE)
> Actuate ReportCast Security Extension

Actuate ReportCast

A web server plug-in that uses proprietary technology to support accessing e.reports in a Report Encyclopedia volume on an Actuate e.Reporting Server. ReportCast generates DHTML pages based on templates. Actuate e.Reporting Server Release 6 uses both Actuate Active Portal and Actuate ReportCast technologies. Actuate Active Portal is the preferred technology.
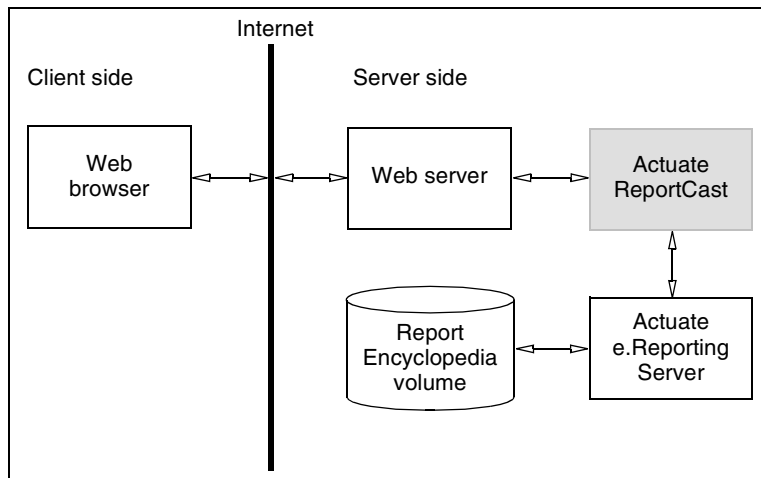
> **Related terms**
> Actuate Active Portal
> Actuate e.Reporting Server
> Actuate ReportCast technology
> e.report
> hypertext markup language (HTML)
> plug-in
> Report Encyclopedia volume
> template
> web server
> **Contrast with**
> Actuate ReportCast Agent
> Actuate ReportCast Server

Actuate ReportCast Agent

A dynamic link library that provides the interface between a web browser and a ReportCast server. Actuate ReportCast Agent runs as part of a web server.

Related terms
Actuate ReportCast Server
Actuate ReportCast technology
dynamic link library (DLL)
interface
web browser
web server
Contrast with
Actuate Active Portal
Actuate ReportCast
Actuate ReportCast Server

Actuate ReportCast Security Extension

An application programming interface that support the use of third-party security tools.
Related terms
Actuate ReportCast
Application Programming Interface (API)
Contrast with
Actuate Active Portal Security Extension (APSE)
Actuate Report Server Security Extension API

Actuate ReportCast Server

A service that provides the communication between Actuate ReportCast Agent and an Actuate e.Reporting Server.
Related terms
Actuate e.Reporting Server
Actuate ReportCast Agent
interface
service
web server
Contrast with
Actuate Active Portal
Actuate ReportCast
Actuate ReportCast Agent

Actuate ReportCast technology

An application technology that delivers structured content and live reports to web browsers and other internet-connected applications. Actuate e.Reporting Server Release 6 uses both Actuate Active Portal and Actuate ReportCast technologies. Actuate Active Portal is the preferred technology.

Related terms
application
report
structured content
web browser
Contrast with
Actuate Active Portal

Actuate Requester API

An application programming interface that accesses attributes and values of
report parameters, changes the values of report parameters, controls how and
when a report generates, displays and prints reports, and configures report
print setup. Actuate Basic, Visual Basic, C, C++, and Progress 4GL can be used
to access the Actuate Requester API. This technology is part of both Actuate
Basic Client Integration Technology and Actuate e.Reporting Server
Integration Technology.
Related terms
Actuate Basic
Actuate Basic Client Integration Technology
Actuate e.Reporting Server Integration Technology
Actuate e.Spreadsheet Designer
Application Programming Interface (API)
parameter

Actuate scripting language

A programming language that enables generation of e.Reporting web pages.
Actuate scripting language is part of Actuate ReportCast technology. Actuate
scripting language commands determine how information appears in an
e.report viewed in a web browser that uses ReportCast technology.
Related terms
Actuate ReportCast technology
command
e.report
web browser

Actuate Search Extension API

An API that supports developing search extensions to transfer data to any
third-party productivity or analysis tool. This technology is part of the Actuate
Basic Client Integration Technology.
Related terms
Actuate Basic Client Integration Technology
Application Programming Interface (API)
data
Contrast with
Actuate e.Spreadsheet Designer

Actuate Software Development Kit (SDK)

See Actuate Basic Client Integration Technology, Actuate e.Report Designer Java Edition Engine, Actuate e.Spreadsheet Designer Engine, and Actuate e.Reporting Server Integration Technology.

Related terms
Actuate Basic Client Integration Technology
Actuate e.Report Designer Java Edition Engine
Actuate e.Reporting Server Integration Technology
Actuate e.Spreadsheet Designer Engine
Application Programming Interface (API)

Actuate Viewer

An application used in the desktop environment to find, view, and print reports. Actuate Viewer is available both as a standalone application and as part of Actuate End User Desktop, Actuate e.Report Designer, Actuate e.Report Designer Professional.

Related terms
application
e.report
Contrast with
Actuate End User Desktop
Actuate e.Report Designer
Actuate e.Report Designer Professional

ad hoc parameter

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a parameter, associated with a database column, that passes an expression to extend dynamically the query's Where clause. An ad hoc parameter restricts the number of rows returned from the database to the e.report.
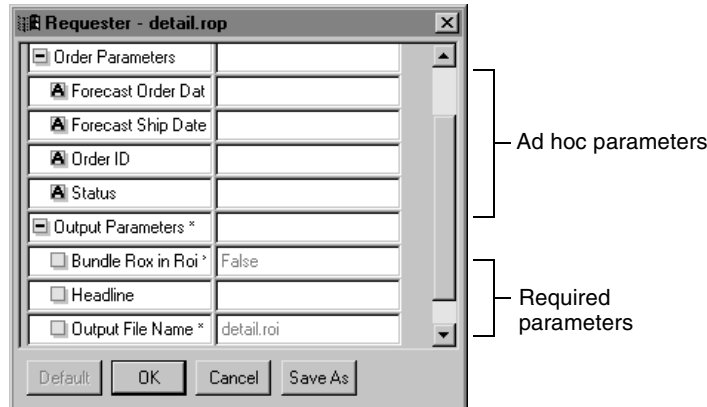
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
e.report
parameter
query

administration console

See Actuate Management Console (AMC).

administrative failover

An action that initiates stopping one machine or component to transfer the workload of that machine or component to another machine or component in the cluster.
Related term
cluster
Contrast with
failover

administrator

A user who manages Report Encyclopedia volumes, an Actuate e.Reporting Server, multiple Actuate e.Reporting Servers, or Actuate e.Reporting Server clusters. The administrator is both a system administrator and a volume administrator. The administrator has grant privilege on all Report Encyclopedia items and can modify report server properties.
Related terms
Actuate e.Reporting Server
cluster
grant privilege
Report Encyclopedia volume
Contrast with
security role

AFC (Actuate Foundation Class)

See Actuate Foundation Class (AFC).

After   An Actuate Basic component reference property used in Actuate e.Report Designer and Actuate e.Report Designer Professional that identifies a component to be printed or displayed at the end of a section. After is a slot in the Design Editor. For example, After can contain the sum of all orders from one customer.
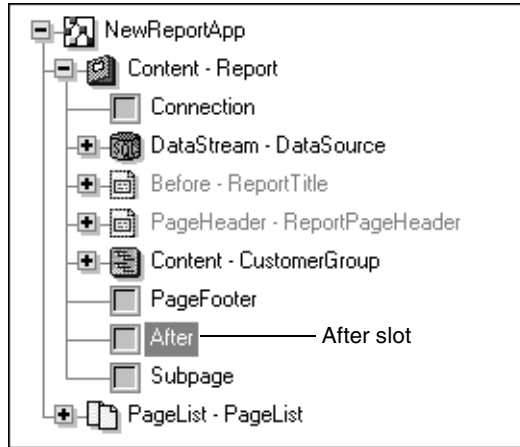
Related terms
Actuate Basic
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
component reference property
section
slot
Contrast with
Before

aggregate row

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a single row that summarizes data from a group of rows having one or more column values in common. A query that includes a Group By clause returns aggregate rows. For example, a row that totals all orders made by one customer is an aggregate row.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
query
row
Contrast with
data row

alias

1 An alternate name. In Actuate Basic, an alias is a name given to an external procedure to avoid conflict with reserved words, variables, or constants.

2 In a SQL SELECT statement, an alias is an alternate name given to a database table or column.

Related terms
Actuate Basic
column
constant
reserved word
SQL SELECT statement
variable

ancestor class

In the Actuate Foundation Class Library, any class in the inheritance hierarchy from which a particular class directly or indirectly derives. For example, the ancestor class of all connection classes in an e.report design is the Actuate Foundation Class, AcConnection.
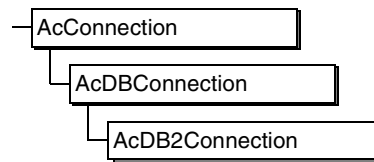
Related terms
Actuate Foundation Class (AFC) Library
class
class hierarchy
Contrast with
base class
derived class
descendant class
subclass
superclass

applet   A small desktop application that usually performs a simple task, for example, a Java program that runs directly from the web browser.
Related terms
Java
web browser
Contrast with
application

application   A complete, self-contained program that performs a specific set of related tasks.
Contrast with
applet

application data source

In Actuate e.Report Designer Java Edition, a source comprised of Java objects defined in an application. The data source presents these Java objects to the

report design in the same way as data rows from tables in a relational database.
Related terms
Actuate e.Report Designer Java Edition
application
data row
data source
design
Java
object
report
row
table

Application Programming Interface (API)

A set of routines including methods, procedures, and functions that exposes application functionality to support integration and extend applications.
Related terms
function
method
procedure
Contrast with
Active X Control
Actuate Active Portal Security Extension (APSE)
Actuate Information Delivery API
converter
Report Server API
ReportCast Security Extension
Report Server Security Extension
Requester
Search extension

argument A constant, expression, or variable that supplies data to a function, method or subroutine or that places data within a function, method, or subroutine.
Related terms
constant
data
expression
function
method
parameter
subroutine
variable

array   A data variable that consists of sequentially indexed elements having the same data type. Each element has a common name, common data type, and a unique index number identifier. Changes made to an element of an array do not affect other elements.
Related terms
data type
variable
Contrast with
array function

array function

A type of Actuate e.Spreadsheet function that returns data to a range of cells rather than to one cell.
Related terms
Actuate e.Spreadsheet Designer
cell
function
Contrast with
array

asterisk (*)   **1** A wildcard character used for searches.

2 A multiplication symbol in expressions.
Related terms
expression
search
wildcard
Contrast with
search expression

ascendant class

See ancestor class.

assignment statement

A statement that assigns a value to a variable. For example:

    Text1.text = "My Name"

asynchronous

A report generation process or job that runs in the background independently of other processes.
Related terms
job
process
Contrast with
asynchronous grid

mode
synchronous

asynchronous grid

An asymmetric arrangement of lines in Actuate e.Report Designer Java Edition that creates a form layout for a report design. The asynchronous grid can span multiple zones.
Related terms
Actuate e.Report Designer Java Edition
design
layout
zone
Contrast with
asynchronous

authentication

A process through which the system validates a user's login information.
Related term
process

authorization

A right granted to an individual to use the system and the data stored on it.
Related term
data

autoarchive

A file management capability that supports archiving and deletion of e.report files based on the age of the file, a specific date, or the number of versions.
Related term
e.report
Contrast with
autoarchive driver

autoarchive driver

An interface between Actuate e.Reporting Server and an external archive tool.
Related term
Actuate e.Reporting Server
Contrast with
autoarchive
driver

AWT   See Abstract Window Toolkit (AWT).

balloon help

A fragment of written content that explains a feature or data in a report created using Actuate e.Report Designer or Actuate e.Report Designer Professional. This online help is different from Windows or HTML online help that assists users to understand the software products themselves.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Contrast with
online help

.bas file   See Basic source (.bas) file.

base chart   The part of a dual y-axis chart whose y-axis is on the left.

Related terms
chart
dual y-axis chart
Contrast with
graph

base class   In the Actuate Foundation Class Library, a class from which another class in the Actuate Foundation Class hierarchy derives. For example, AcSection is a base class for AcParallelSection.

Related terms
Actuate Foundation Class (AFC)
Actuate Foundation Class (AFC) Library
class
hierarchy
Contrast with
abstract base class
concrete base class
inheritance

base unit   A unit of time displayed on a time scale axis in an Actuate e.Spreadsheet Designer chart.

Related terms
Actuate e.Spreadsheet Designer
chart
Contrast with
base unit interval
graph
tick

base unit interval

The number of base units between each division that marks a time scale axis on an Actuate e.Spreadsheet Designer chart.

Related terms
Actuate e.Spreadsheet Designer
base unit
chart
Contrast with
graph
tick interval

Basic source (.bas) file

A file that contains Actuate Basic source code. A Basic source file can be created in two ways:

1 The user writes a Basic source file using any text editor and saves it to a .bas file.

2 The user compiles a report design (.rod), which causes generation of a Basic source (.bas) file. The source file or files are then compiled into an executable (.rox) file.

Related terms
Actuate Basic
report object design (.rod) file
report object executable (.rox) file
Contrast with
Actuate Palette Representation (.apr) file
e.Spreadsheet template (.vts) file
e.Spreadsheet template package (.vtf) file
report object instance (.roi) file
report object library (.rol) file
report object parameter (.rop) file
report object value (.rov) file
report object web (.row) file
search definition (.ros) file

batch request

A request that the Encyclopedia service holds until a Factory service is available to handle the job.
Related terms
Encyclopedia service
Factory service
job
request
service

Before   In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component reference property that identifies a component to be printed or

displayed at the beginning of a section. Before is a slot in the Design Editor. For example, Before can contain column headings.
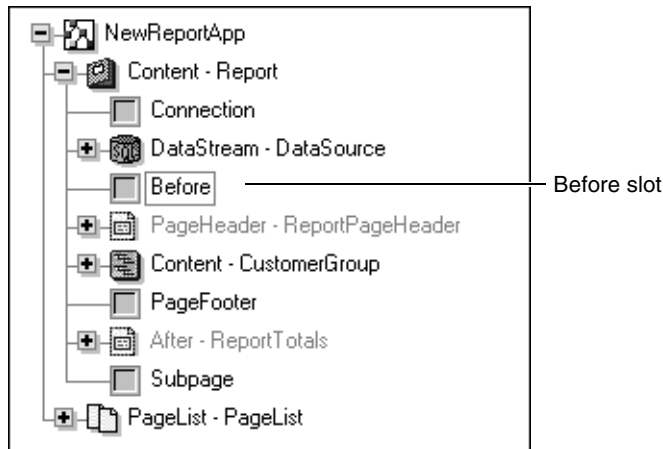
Before slot

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
component reference property
section
slot
Contrast with
After

breakpoint   In Actuate e.Report Designer Professional, a place marker in a program being debugged causing execution to be halted so that data values can be examined and altered.
Related terms
Actuate e.Report Designer Professional
debug

bridge class

A class that maps the functionality of one class to the similar behavior of another class. For example, the JDBC-ODBC bridge class enables applications that use standard JDBC protocol to access a database that uses the ODBC protocol. Both Actuate e.Report Designer Java Edition and Actuate e.Spreadsheet Designer use this type of class.
Related terms
Actuate e.Report Designer Java Edition
Actuate e.Spreadsheet Designer
class
Java Database Connectivity (JDBC)

browser   In Actuate e.Report Designer and Actuate e.Report Designer Professional, a
tool used to search for and display information such as components and
database tables and columns.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
column
component
table
Contrast with
Database Browser
Globals Browser
Library Browser
Project Browser
Stored Procedure Browser
web browser

browser scripting control

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a
control that supports writing code inside an Actuate report. The code can be in
any form that a web browser can interpret including HTML, Java applets,
JavaScript, and VBScript. The web browser interprets the code when the user
views a report in DHTML format.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
applet
DHTML (dynamic hypertext markup language)
e.report
hypertext markup language (HTML)
JavaScript
web browser

BSTR   A C++ representation of a Visual Basic string of defined length. A BSTR points
to a wide character buffer in Unicode and other 32-bit applications. an integer
length value precedes the string. A value of zero within a BSTR does not
terminate the string.
Related terms
application
object linking and embedding (OLE)
Unicode
value
Contrast with
string expression

open database connectivity (ODBC)
protocol

Builder button

1 In Actuate e.Report Designer and Actuate e.Report Designer Professional, a button used to open the Color Chooser, Expression Builder, Method Editor, Query Editor, and Stored Procedure Data Source Builder.

2 In Actuate e.Report Designer Java Edition, a button used to open the Formula specification dialog, Select File, Select Field, and to access Change Label's Caption and Specify the Format. The behavior depends upon the type of control being used.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Color Chooser
Expression Builder
Method Editor
Query Editor
Stored Procedure Data Source Builder

bursting   See report bursting.

calculated column

See computed column.

calculated control

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a data control that displays the result of an expression rather than stored data. Actuate recalculates the result each time it generates the e.report.

Integer control with calculated value
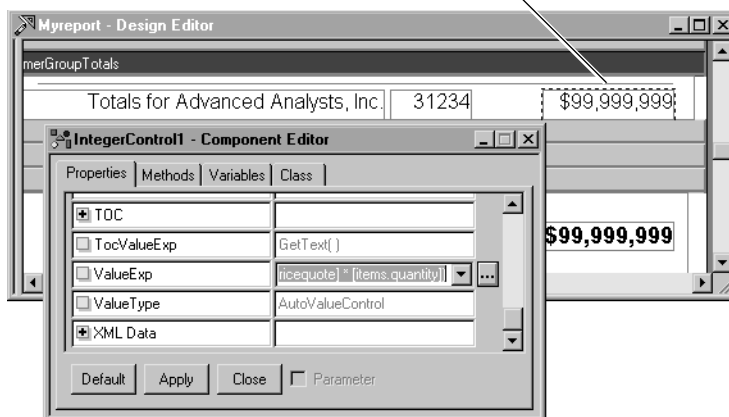
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
data control
expression
e.report
Contrast with
data field control
formula control

caption   In Actuate e.Report Designer Java Edition, the text in a label or in the title bar of a report window.

cascading events

A sequence of events triggered by some particular event.
Related term
event
Contrast with
recursion

cascading stylesheet

A template containing rules which attach formats and styles to specified HTML elements. For example, a cascading stylesheet can specify the size, font, and color for an HTML heading.
Related terms
hypertext markup language (HTML)
template

case sensitivity

A condition in which the letter case is significant for the purposes of comparison. For example, "McManus" does not match "MCMANUS" or "mcmanus" in a case-sensitive environment.

category   **1** In Actuate e.Report Designer and Actuate e.Report Designer Professional, one of the discrete values represented by a bar chart or high-low-close chart horizontal axis or by the slices in a pie chart.

2 In Actuate e.Analysis Option, a group within a dimension. Categories appear in rows on the vertical axis, or in columns on the horizontal axis, or in the drop-down menu of a dimension. For example, the dimension labeled Probability can contain the categories labeled high, medium, and low.
Related terms
Actuate e.Analysis Option
Actuate e.Report Designer
Actuate e.Report Designer Professional
chart

dimension
group

cell An intersection of row and column in a crosstab, grid, or worksheet.

Column 1	Column 2	Column 3
Row 1	Data	Data
Row 2	Data	Data	— Cell
Row 3	Data	Data
Row 4	Data	Data

Related terms
column
row
Contrast with
cell reference
external cell reference
relative cell reference

cell reference

An address, defined by letter and number, that locates a cell or a range of cells in an Actuate e.Spreadsheet Designer worksheet. The reference has four parts: workbook name, worksheet name, row, and column. The worksheet, if omitted, defaults to the worksheet in which the reference is used. The workbook, if omitted, defaults to the workbook in which the reference is used. A cell reference can be absolute, external, or relative.
Related terms
absolute cell reference
Actuate e.Spreadsheet Designer
cell
external cell reference
relative cell reference

channel A set of pages, headlines, and other information that a publisher packages and transmits to subscribers.
Related terms
page
publish and subscribe
subscribe
Contrast with
channel page
channel subscription page
unsubscribe

channel page

A page that appears in a browser and displays the contents of a specific channel.

Related terms
browser
channel
page
Contrast with
channel subscription page

channel subscription page

A page that appears in a browser and displays the set of channels to which a user can subscribe and the user's subscription status.

Related terms
browser
channel
page
subscribe
Contrast with
channel page
unsubscribe

character set

A mapping of specific characters to code points. For example, in most character sets the letter A maps to the hexadecimal value 0x21.

Related term
code point
Contrast with
locale
locale map

chart A graphic representation of data or the relationships among sets of data. Actuate Basic products also use graph functionality. Beginning with Actuate e.Reporting Suite 6, the preferred functionality is chart. Each of the designer tools provides different charting capabilities. Consult the documentation for each product. Consult the Upgrading Guide for information about how to modify graphs to take advantage of new chart capabilities.

Related term
data
Contrast with
graph

class **1** A set of methods and variables implemented in Actuate Basic that defines the characteristics of an object. All objects of a given class are identical in form and behavior, but contain different data in their variables.

2 A set of methods and variables implemented in Java that defines the characteristics of an object used by Actuate e.Report Designer Java Edition and Actuate e.Spreadsheet Designer.

Related terms
Actuate Basic
Actuate e.Report Designer Java Edition
Actuate e.Spreadsheet Designer
data
Java
method
object
variable
Contrast with
Actuate Foundation Class (AFC)
base class
bridge class
component
subclass
superclass

class declaration

A statement that defines a class. A class declaration contains other class, method, and variable declarations.

Related terms
class
declaration
method
variable

class hierarchy

A tree structure that represents the inheritance relationships among a set of classes.

Related terms
class
inheritance
Contrast with
base class

class name

A unique name given to a class that permits unambiguous references to its public methods and variables.

Related terms
class
method
variable

Class page   In Actuate e.Report Designer and Actuate e.Report Designer Professional, a
page in the Component Editor that displays class information about the
selected component. A Class page displays information such as superclass of
the selected component.
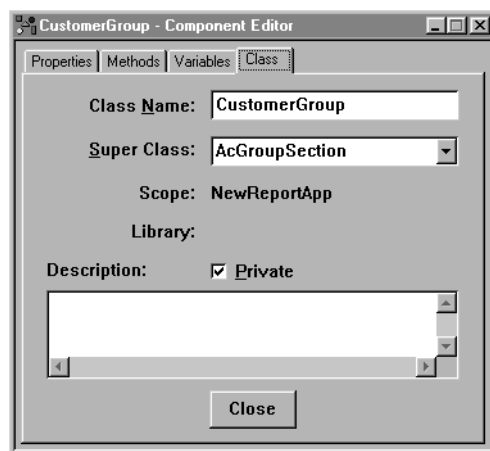
Tab indicates this page is
the Class page

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
class
component
Component Editor
page
scope
superclass
Contrast with
Methods page
Properties page
Variables page

client/server

A relationship in which server software accepts requests from client software
and returns the results to the client. Typically, the client and server software
are located on different machines and communicate over a network. In
Actuate products, the term desktop designates client.

clipboard   A temporary storage area that holds information to transfer from one
document or application to another.
Related term
application
Contrast with
Scratch Pad

clone   A process by which properties of an item within a Report Encyclopedia volume can be duplicated. For example, an item such as a user, a channel, a security role, or a notification group can be cloned. The process copies all properties, memberships, relationships, and subscriptions in addition to the properties included in the property sheet for the item.

Related terms
channel
notification group
process
property
Report Encyclopedia volume
security role
subscribe

cluster   A group of active Actuate e.Reporting Servers on the same IP backbone. Actuate e.Reporting Suite 6 architecture supports multiple machines working together as a single system image. This technology is also known as the Distributed Actuate e.Reporting Server System.

Related terms
Actuate e.Reporting Server
cluster framework
cluster master
cluster member

cluster framework

An architecture that supports the formation and management of a cluster of Actuate e.Reporting Servers. The framework supports:

■ process management such as starting and stopping servers within the cluster.

■ load balancing among servers that are members of a cluster.

■ membership management. Membership management includes cluster formation, regrouping cluster members, detecting server heartbeats, and implementing failover rules for failed cluster members.

Related terms
Actuate e.Reporting Server
cluster
cluster member
process
Contrast with
cluster master

cluster master

An Actuate e.Reporting Server that has management responsibility for a cluster. The cluster master:

- manages cluster operations such as cluster formation, adding or removing individual servers from a cluster, and regrouping cluster members

- owns the cluster configuration file, which indicates the services running on each member of the cluster

- implements failover rules for a failed cluster member

Related terms
Actuate e.Reporting Server
cluster
cluster member
Contrast with
cluster framework

cluster member

An Actuate e.Reporting Server that is one machine in a cluster.
Related terms
Actuate e.Reporting Server
cluster
Contrast with
cluster framework
cluster master

code point   A hexadecimal value. Every character in a character set is represented by a code point. The computer uses the code point to process the character.
Related term
character set
Contrast with
locale
locale map

Color Chooser

1 A tool in Actuate e.Report Designer and Actuate e.Report Designer Professional that specifies colors for parts of the report such as control backgrounds, fonts, frame backgrounds, and lines. Use the Builder button in the Properties page of the Component Editor to access the Color Chooser.

Builder
button

Builder button
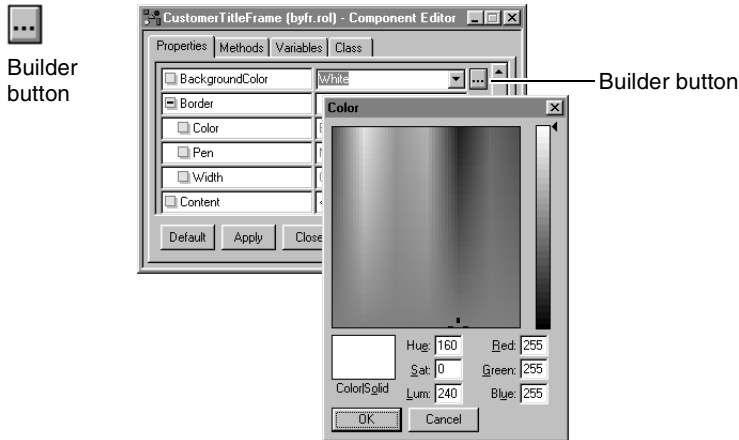
2 A tool in Actuate e.Report Designer Java Edition that specifies colors for parts of the report such as charts, control backgrounds, fonts, lines, and zone backgrounds. To access this tool, use the color swatch in Common Properties. For background colors, there is an option to set the color to transparent.
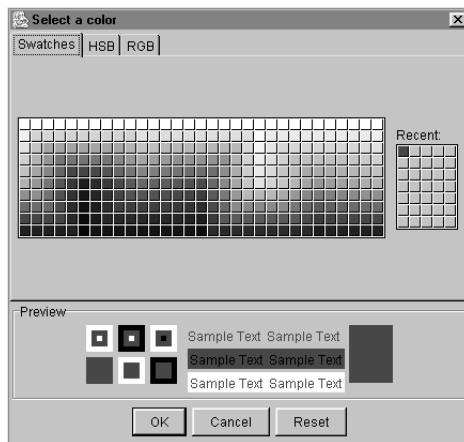
3 In Actuate e.Spreadsheet Designer, a palette of available colors for borders, fonts, and fills used to format cells and chart elements. The automatic option directs the spreadsheet to choose colors based on context. For example, each chart series would have a different color chosen.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer
Builder button

Component Editor
control
frame
Properties page
zone

column   **1** A named field in a database table or query. For each row, the column has a different value, called the column value. The term column refers to the definition of the column, not to any particular value.

Column for
itemcode data

2 A vertical sequence of cells in an Actuate e.Spreadsheet Designer worksheet.
Related terms
Actuate e.Spreadsheet Designer
cell
column
field
query
row
table
value

columnar report

In Actuate e.Report Designer Java Edition, a report design which is much narrower than the width of the output document. The generation process displays data from successive rows across the page then down the page. A mailing label report is a specific type of columnar report.
Related terms
Actuate e.Report Designer Java Edition
data
design
mailing label report
multicolumn report
page
row

Columns page

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a page in the Query Editor that lists columns selected for inclusion in a query. Use the Columns page to select those columns or define computed columns.
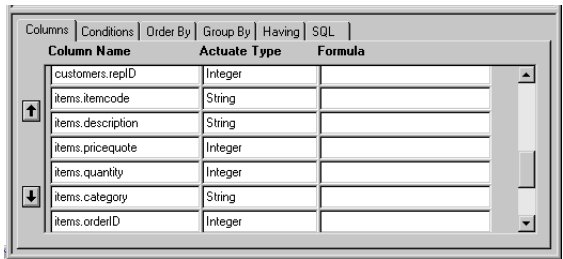
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
column
e.report
page
Query Editor

combo box   A control that functions as a text box and list box combined. To use a combo box, type a value or select an item from a list.
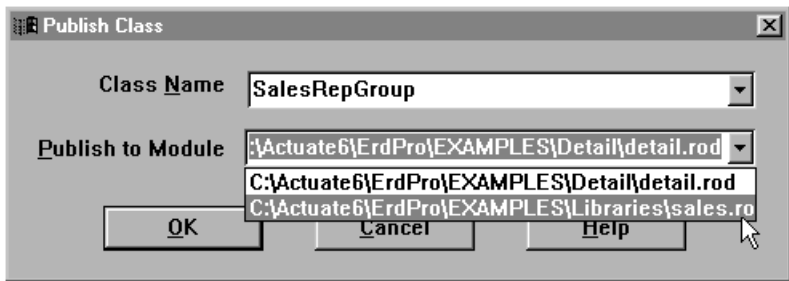
command   **1** A user-initiated action request that takes the form of a name and parameters that can be performed by an application.

2 In Actuate ReportCast, commands are part of the scripting language. These commands are embedded in the HTML comments of the Actuate ReportCast template file. The command tells ReportCast how to generate a web page. Scripting language commands use this format:

    <!- - #Actuate <directive> [options] - ->

For example:

    <!- - #Actuate list members (roles) - ->

Related terms
Actuate ReportCast
application
parameter
web directive
web page

comment   **1**   In Actuate e.Report Designer and Actuate e.Report Designer Professional, text on the Class page that documents the purpose of a component.
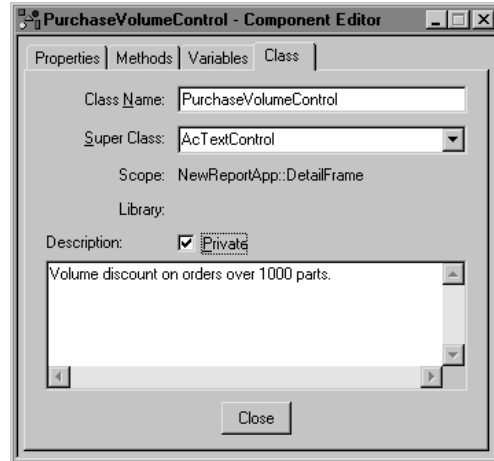
2   Text written in Actuate Basic or Java to describe your code or your work. Each comment line starts with a single quotation mark or the keyword REM followed by a space.

```
GetUserLevel (username$, password$, requestedFunction%) As Boolean
'
' Functional Description:
'
' This function is called at runtime to determine the user's privilege level
' by looking the user up in the db \\local\dbusers, verifying that the
' password matches, and returning True or False for the requested task
'
```

3   Text written in Java code to describe other lines of code or your work on the code. Each line of the comment begins with two forward slash characters. A block of comments begins with a forward slash and an asterisk and ends with an asterisk and a forward slash.
Related terms
Actuate Basic
Actuate Foundation Class (AFC)

Class page
component
Java
keyword

Common Gateway Interface (CGI)

An internet standard that describes how a web server should access external programs so that the data is returned to the user in the form of an automatically generated web page. Forms that a web user fills out generate output handled by a CGI program or script that calls other programs as necessary.

Related terms
data
web page
web server

compile

1 To translate code written by a programmer into object code for execution. In Actuate e.Report Designer and Actuate e.Report Designer Professional, compiling translates an Actuate Basic source file and a report object design (.rod) file into a report object executable (.rox) file.

2 In Actuate e.Report Designer Java Edition and Actuate e.Spreadsheet Designer, the Java command compiles a Java source code file into a bytecode class file.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer
Basic source (.bas) file
report object executable (.rox) file

component

1 In Actuate e.Report Designer and Actuate e.Report Designer Professional, a building block used to construct a report design. Components are representations of Actuate Foundation Classes. Components have properties and methods that define their appearance and behavior. One component can be based on or derived from another component. All components derive from AcComponent, the principal base Actuate Foundation Class. For modification and reuse, group components and store in a library.

Component palettes

Palette toolbar

Structure palette

Data palette

Controls palette

Drawing and Graphics palette

Pages palette
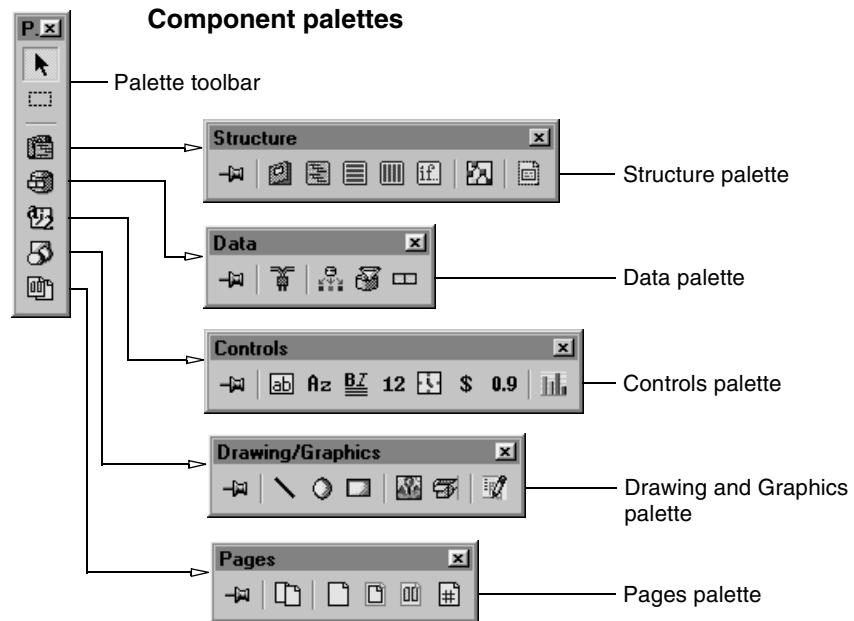
2 A building block used in Actuate e.Report Designer Java Edition to construct a report template. Components have properties that define their appearance and behavior. Components can be simple controls such as data fields, formula controls, labels, and lines. The simple controls are contained in a zone. Components can also be complex items such as asynchronous grids, charts, and crosstab reports. Complex components such as asynchronous grids and crosstab reports can span multiple zones.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
asynchronous grid
chart
class
crosstab report
data field control
formula control
library
method
object
property
report template
structural component

visual component
zone

Component Editor

A tool in Actuate e.Report Designer Professional used to define, manipulate, and view methods, properties, and variables of a component. The Component Editor also identifies the class from which the component derives. The Properties page, Methods page, Variables page, and Class page make up the Component Editor in Actuate e.Report Designer Professional. In Actuate e.Report Designer, the Component Editor includes a Properties page and Class page.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
class
Class page
component
method
Methods page
property
Properties page
variable
Variables page

component library

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a file that contains components that can be used in one or more report designs to provide consistent behavior and appearance of a suite of reports. The file extension of component library files is .rol.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
report object library (.rol) file

Contrast with
Actuate Foundation Class (AFC)
class
library

component reference property

In Actuate e.Report Designer and Actuate e.Report Designer Professional, an Actuate Foundation Class (AFC) property that stores the name of another component. Component reference properties record reference relationships among components. For example, a frame Content property stores the name of controls within that frame.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
component
control
frame
property

computed column

A field defined in a query that displays the result of an expression rather than stored data. The query recalculates the value each time it runs.
Related terms
data
expression
field
formula
query
value

concrete base class

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a class created to organize a hierarchy or define methods and variables that apply to derived classes. A concrete base class is one from which instances can be created.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
base class
class
class hierarchy
instance
method
variable

Contrast with
abstract base class

conditional expression

An expression that evaluates to True or False. For example, Total > 3000. If the condition is met, the condition evaluates to True. If the condition is not met, the condition evaluates to False.
Related term
expression

conditional formatting

1 In Actuate e.Report Designer Java Edition, a change in the appearance and visibility of controls and zones in a report document, based on the value of controls or grouping criteria. The product uses a simple scripting language for this purpose.

2 In Actuate e.Spreadsheet Designer, a cell format that appears when a specified condition is met in an e.Spreadsheet worksheet.
Related terms
Actuate e.Report Designer Java Edition
Actuate e.Spreadsheet Designer
cell
control
format
report
zone

conditional section

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a section that uses a conditional expression to determine which of two frames or subreports should be included in an e.report.
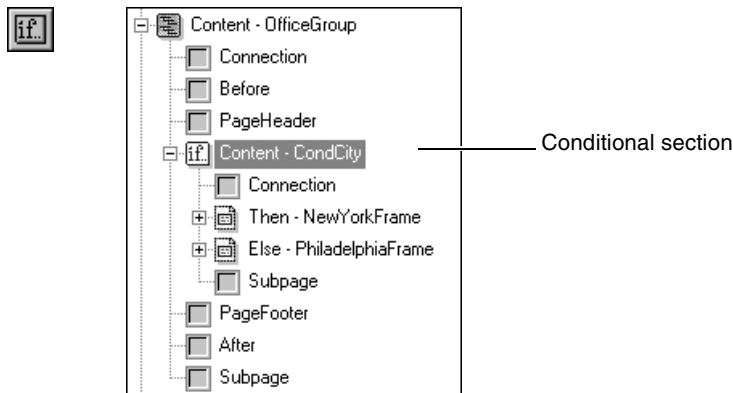
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
e.report
expression
frame
section
subreport
Contrast with
group section
parallel section
report section
sequential section

Conditions page

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a page in the Query Editor that displays selection criteria for rows that the query selects from the database.
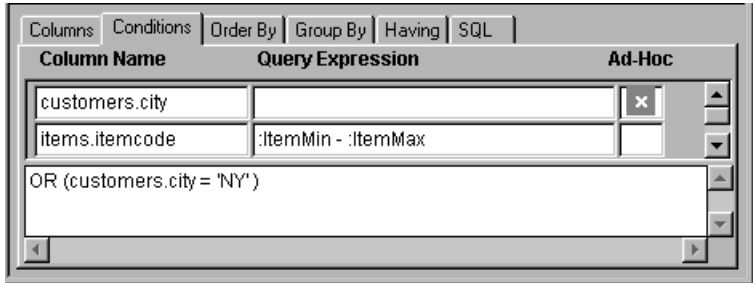
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
page
query
Query Editor
row

connection 1 A communication link with a database or other data source. For example, a type of URL used to connect an Actuate e.Spreadsheet Designer workbook to a database. For example, a connection links a JDBC data source to Actuate e.Report Designer Java Edition.

2 In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that establishes a link with a database. Actuate Actuate e.Report Designer and Actuate e.Report Designer Professional provide several standard connection types, DB2, Informix, Microsoft SQL Server,

ODBC, Oracle, Progress 8, Progress 9, and Sybase. There are two types of e.reports for which you do not need to define a connection. The first is a subreport that shares a connection with another report. The second is a report that does not get data from a database. For this type of report, you must create a custom data stream. The relevant Actuate Foundation Classes are AcDB2Connection, AcInformixConnection, AcMSSQLConnection, AcODBCConnection, AcOracleConnection, AcProgressConnection, AcProgressSQL92Connection, and AcSybaseConnection.
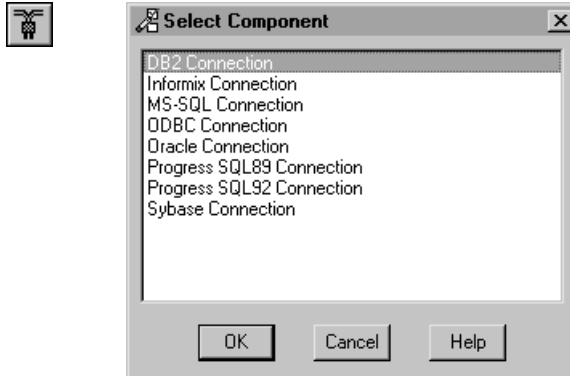
Related terms
Actuate e.Report Designer Java Edition
Actuate e.Spreadsheet Designer
Actuate Foundation Class (AFC)
component
data source
data stream
Java Database Connectivity (JDBC)
report
subreport
Contrast with
Connection

Connection   In Actuate e.Report Designer Java Edition and Actuate e.Spreadsheet Designer, a Java object that provides a link to a JDBC data source.
Related terms
Actuate e.Report Designer Java Edition
Actuate e.Spreadsheet Designer
Java
Java Database Connectivity (JDBC)
data source
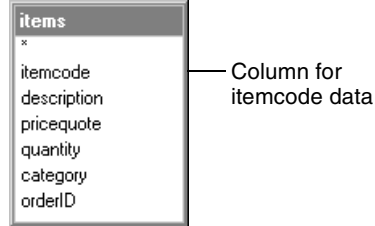**Contrast with**
connection

Connection property

In Actuate e.Report Designer, Actuate e.Report Designer Java Edition, Actuate e.Report Designer Professional, and Actuate e.Spreadsheet Designer, a property associated with a Connection type. The properties vary depending on the data source. Typical Connection properties are user name and password. Connection properties relate to the connection component.
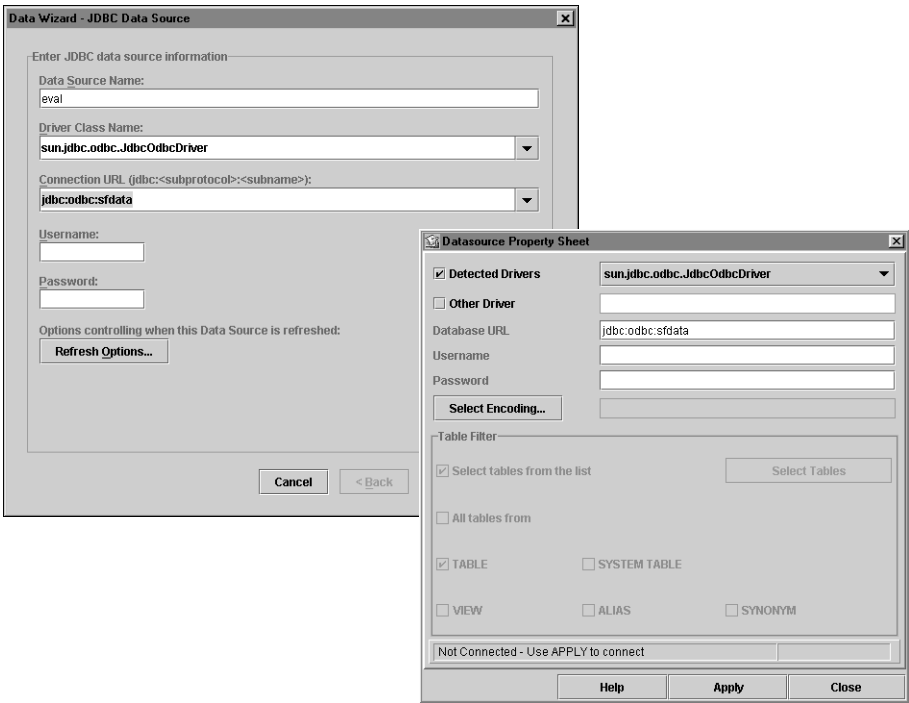
Related terms
component
connection
password
property

consistent report design

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a report design that can be compiled and executed with no errors. These Actuate products have a design consistency check which examines the report design for references to unknown classes, methods, or variables.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
class
e.report

method
variable

constant An unchanging, predefined value. A constant does not change while a program is running, but the contents of a field or variable can change.
Contrast with
field
value
variable

constructor code

In Actuate e.Report Designer and Actuate e.Report Designer Professional, code that initializes an instance of the class.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
class
instance

container **1** Software that acts as a master program to hold and execute a set of commands or to run other software routines. For example, application servers provide containers that support communication between applications and Enterprise Java Beans.

2 A data structure that holds one or more different types of data.
Related terms
application
command
data
Enterprise JavaBean (EJB)

containment

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a relationship among instantiated objects in an e.report. One component, the container, consists of other components, the contents.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
e.report
component
container
Content

containment hierarchy

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a hierarchy of objects in the e.report. For example, a frame is a container for controls and a report is a container for frames.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
e.report
hierarchy
object

Content In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component reference property that determines what appears in the component for every data row processed by the component. For example, the content of the innermost group section is likely to be a frame displaying data for each detail row.
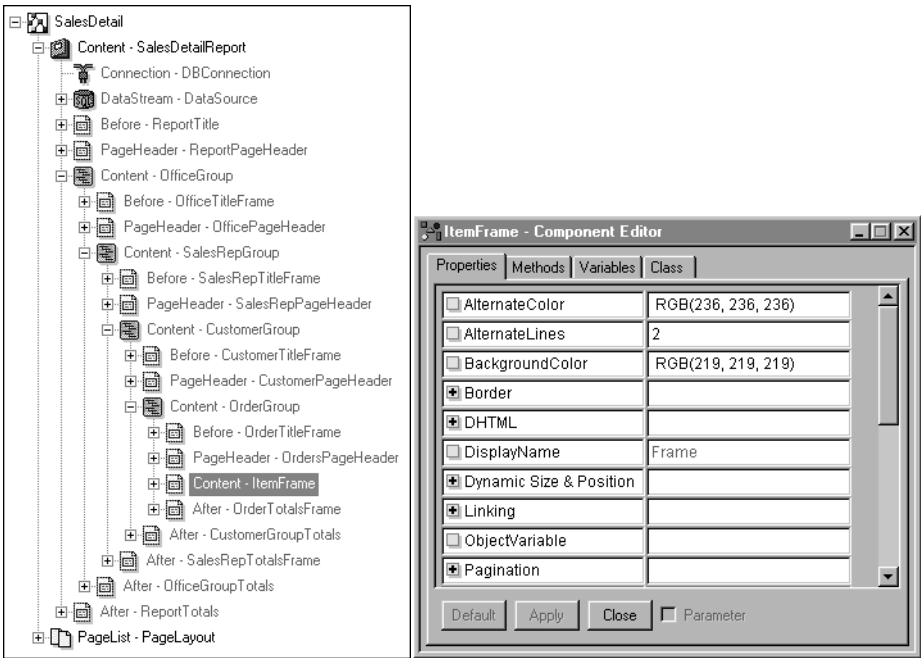
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
component reference property
data

data row
frame

context menu

A menu accessed using the right mouse button. The context menu contains commonly used commands associated with a particular item such as a component.

Related terms
command
component

control **1** A chart or graph, image, number, text, or other element that can be placed in a frame or on a page. These objects display data, perform an action, or make the report easier to read. A control can be static or data driven.

Chart, graph, image, label, integer, and text controls in a frame
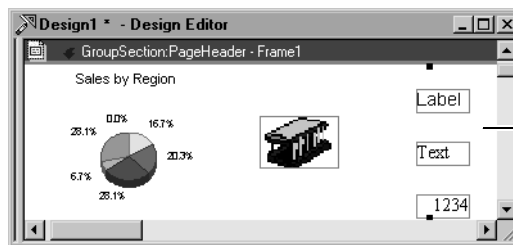
2 A chart, image, data field, formula, label, or other element that can be placed in a zone in a report template designed using Actuate e.Report Designer Java Edition. These objects display data or make the report easier to read. A control can be static or data driven.
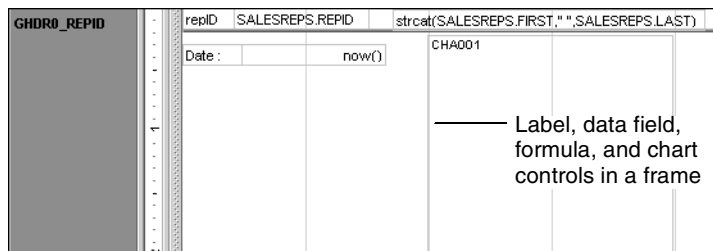
Label, data field, formula, and chart controls in a frame

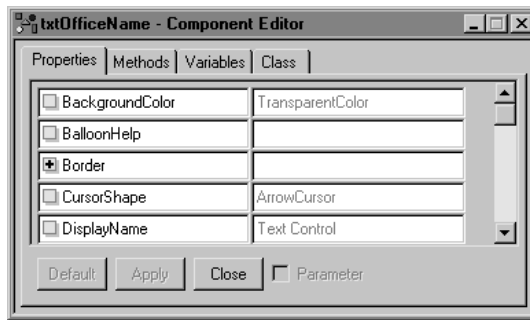**Related terms**
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
component
chart
data
data control
frame

graph
image control
label control
line control
object
page
static control
text control
zone
Contrast with
browser scripting control
calculated control
data field control
ellipse control
formula control
dynamic text control
rectangle control

converter   A tool that converts XML output to another format such as DHTML or Adobe PDF.
Related terms
dynamic hypertext markup language (DHTML)
extensible markup language (XML)
format

crosstab report

An e.report that displays data in grid format using rows and columns. Every cell in a crosstab report contains a calculated value.

MultiChip Technology

Sales by Office and Salesrep

	Dynamic Ram		Static Ram		Controllers		Total	
	Sales $	Units	Sales $	Units	Sales $	Units	Sales $	Units
Boston								
Murphy, Diane	$48,257	1,963	$92,175	1,010	$31,240	1,020	$171,672	3,993
Thompson, Allen	$49,080	921	$179,011	1,334	$54,750	1,334	$282,841	3,589
Boston Office Total	$97,337	2,884	$271,186	2,344	$85,990	2,354	$454,513	7,582
NYC								
Barajas, Maria	$46,301	1,637	$89,025	980	$134,900	680	$270,226	3,297
Hernandez, John	$24,126	346	$67,664	561	$9,952	288	$101,742	1,195
NYC Office Total	$70,427	1,983	$156,689	1,541	$144,852	968	$371,968	4,492
Grand Total	$167,764	4,867	$427,875	3,885	$230,842	3,322	$826,481	12,074

Related terms
cell
column
data
e.report

grid
row

Crystal report executable file type

.rpt is the Crystal report executable file type.
Related term
file types
Contrast with
open server file types
SQRIBE report executable file type

cube   A data organization technique that supports providing multiple dimensions to access and analyze large quantities of data. Actuate e.Analysis Option supports data formatted into cubes linked to DHTML pages. Users access and analyze these DHTML pages with any Java-enabled web browser.
Related terms
Actuate e.Analysis Option
cube
data
dimension
dynamic hypertext markup language (DHTML)
Java
web browser

Currency data type

An Actuate Basic data type used for financial or fixed-point calculations. The Currency data type stores numbers with up to 20 digits to the left of the decimal point and up to 9 digits to the right of the decimal point. The range of the currency data type is -39,614,081,257,132,168,796.771975167 to 39,614,081,257,132,168,796.771975167.
Related terms
Actuate Basic
data type

data   Information stored in databases, spreadsheets, flat files, or applications that can appear in an Actuate report.
Related terms
application
application data source
report

data abstraction

A process of defining new, high-level data types to serve the specialized needs of a particular application or program.

Related terms
application data source
object-oriented programming
Contrast with
data type

data adapter

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a data stream processing component. A data adapter filters, retrieves, sorts, or otherwise processes information. The two types of data adapters are data sources and data filters. The relevant Actuate Foundation Class is AcDataAdapter.
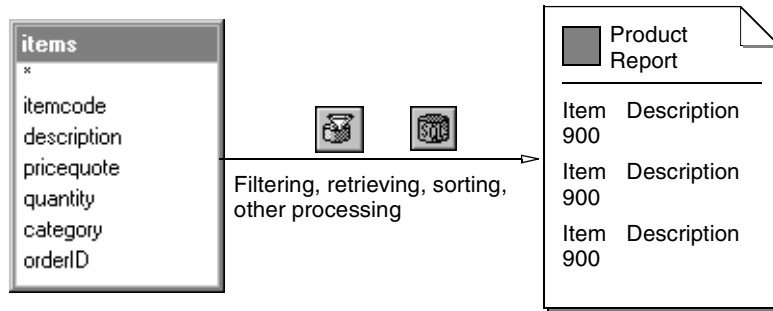
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
data filter
data source
data stream

data control

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that displays data. The relevant Actuate Foundation Classes are AcCurrencyControl, AcDataControl, AcDateTimeControl, AcDoubleControl, AcIntegerControl, and AcTextControl.

Related terms
Actuate Foundation Class (AFC)
component
data
Contrast with
data field control
static control

data field control

A component in Actuate e.Report Designer Java Edition that displays the value of a column.

Related terms
Actuate e.Report Designer Java Edition
column
component

Contrast with
calculated control
control
data control
data source
formula control

data filter   In Actuate e.Report Designer Professional, a component that can compute new values, perform custom lookup, select rows, sort, and join data from multiple data adapters. A data filter is a type of data adapter. Data can pass through a series of filters before being delivered to the report. The relevant Actuate Foundation Classes are AcMemoryBuffer, AcMemoryDataSorter, AcMultipleInputFilter, and AcSingleInputFilter.

Data stream
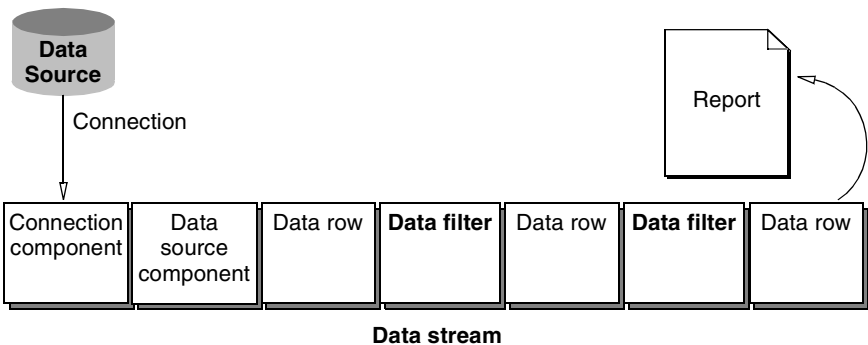
Related terms
Actuate Foundation Class (AFC)
component
data
data adapter
join
row
value

Contrast with
filter
query

data label   Text that describes a data point in a chart. A data label line connects the data label to its data point.

Related terms
chart
data

Data Manager

An Actuate e.Spreadsheet Designer tool used to create a connection between a workbook and external data using data queries, data ranges, and data sources.
Related terms
Actuate e.Spreadsheet Designer
Connection
data source
range
Contrast with
connection

data row In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that describes and contains the output of a data adapter. That output can be used as a source of data for either an e.report or another data adapter. A data row includes a list of variables. The relevant Actuate Foundation Class is AcDataRow.
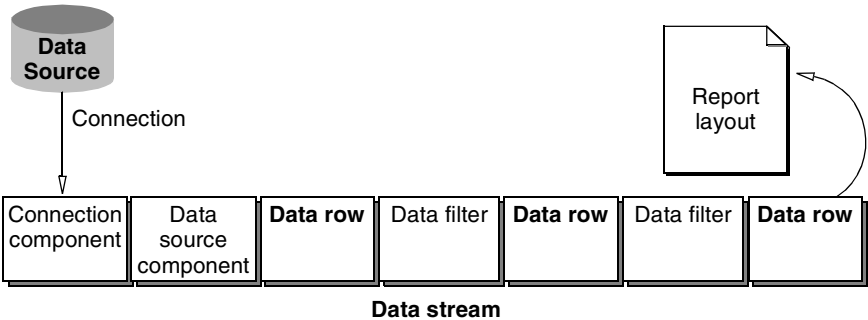
Data stream

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
component
data
data adapter
data row
variable
Contrast with
filter

data source **1** A repository of data such as a structured document, a flat file, a spreadsheet, a SQL database, a Java application, or any other pool of information. An Actuate report can include all these types of data.

2 The component that collects data from outside a report. The data source is a type of data adapter.

3 In Actuate e.Report Designer and Actuate e.Report Designer Professional, all data source components derive from the Actuate Foundation Class AcDataSource.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
application data source
component
data
data adapter
Java
report

data stream In Actuate e.Report Designer and Actuate e.Report Designer Professional, a sequence of one or more data adapters that collects, processes, and delivers data as input to the report layout components.
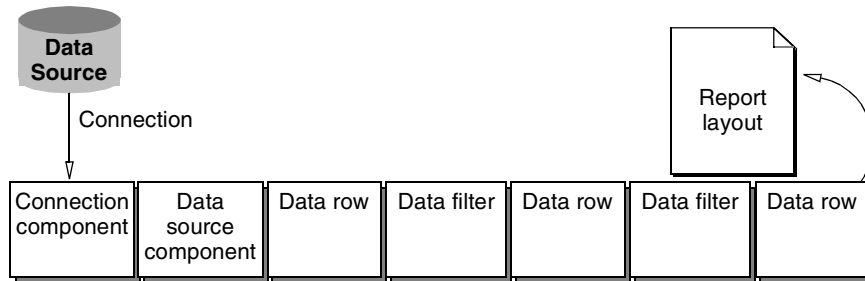
Data stream

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
data
data adapter
layout

data type In Actuate e.Report Designer and Actuate e.Report Designer Professional, a category for variables that determines characteristics such as the information they can hold and the permitted operations. Fundamental data types include Currency, Date, Double, Integer, Long, Single, String, and Variant.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Currency data type
Date data type
Double data type
Integer data type
Long data type
Single data type
String data type
variable
Variant data type
Contrast with
data abstraction
semantic type

Database Browser

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a tool that shows the available tables, and columns managed by the DBMS to which the report design connects.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
browser
column
database management system (DBMS)
table

database connection

See connection.

database management system (DBMS)

Software that helps you organize simultaneous access to shared data. Database management systems store relationships among various data elements.
Related term
data

Date data type

An Actuate Basic data type used for date and time calculations. The Date data type stores floating-point numbers that represent dates ranging from 1 January 100 to 31 December 9999 and times from 00:00:00 to 23:59:59. Date variables display dates and times based on the formats and locale settings specified by your computer and the report design.
Related terms
Actuate Basic
data type

format
locale

DBMS (database management system)

See database management system (DBMS).

debug   To detect, locate, and fix errors. Typically, debugging involves executing specific portions of a computer program and analyzing the operation of those portions.

declaration   The definition of a class, constant, user-defined type, or variable that specifies the name and data type.
Related terms
class
class declaration
constant
data type
variable

declarations section

The portion of an Actuate Basic module that contains constant, data type, and global variable declarations. The declarations section is enclosed in Declare...End Declare.
Related terms
Actuate Basic
constant
data type
variable

defined name

In Actuate e.Spreadsheet Designer, a string that identifies a cell, a range of cells, a formula, or a value. A defined name can also identify a constant or a formula expression. Actuate e.Spreadsheet Designer uses some reserved defined names such as sheetname!Print_Area.
Related terms
Actuate e.Spreadsheet Designer
cell
constant
expression
formula
range
value

delete privilege

A privilege that provides the ability to remove items from the Report Encyclopedia volume. Other privileges include execute, grant, read, secure read, visible, and write.
Related terms
execute privilege
grant privilege
privilege
read privilege
Report Encyclopedia volume
secure read privilege
visible privilege
write privilege

delimited data

Text used to represent data where each line of text corresponds to a data row. The data row contains fields separated by a text character such as a tab, semicolon, comma, space, or character of your choice that determines column breaks within the row.
Related terms
Actuate e.Spreadsheet Designer
data
data row
column
row

demand paging

A mechanism for dealing efficiently with large files. Instead of reading an entire file into memory or sending an entire file over a network, pages are sent as needed. This method of data transfer improves response time and optimizes resource usage.
Contrast with
progressive viewing

dependency

See file dependency.

derived class

See descendant class.

descendant class

A class based on another class.
Related term
class

Contrast with
Actuate Foundation Class (AFC)
ancestor class
base class
derived class
subclass
superclass

design   **1** The process of creating a report specification. Designing an e.report
includes selecting data streams, laying out the report visually, and saving
the layout in a report design (.rod) file. Report designs can be edited in
Actuate e.Report Designer and Actuate e.Report Designer Professional by
opening the design file.

  2 In Actuate e.Report Designer Java Edition, a report design is called a
template.

  3 A report specification. Actuate stores report designs in a report object
design (.rod or .jod) file or in an Actuate e.Spreadsheet Designer design
(.vts) file.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer
data stream
e.report
e.Spreadsheet template (.vts) file
report
report object design (.rod) file
report object design (.jod) file Java Edition
template

Design Editor

In Actuate e.Report Designer and Actuate e.Report Designer Professional, the
tool used to specify the structure and appearance of an e.report or a single
component.
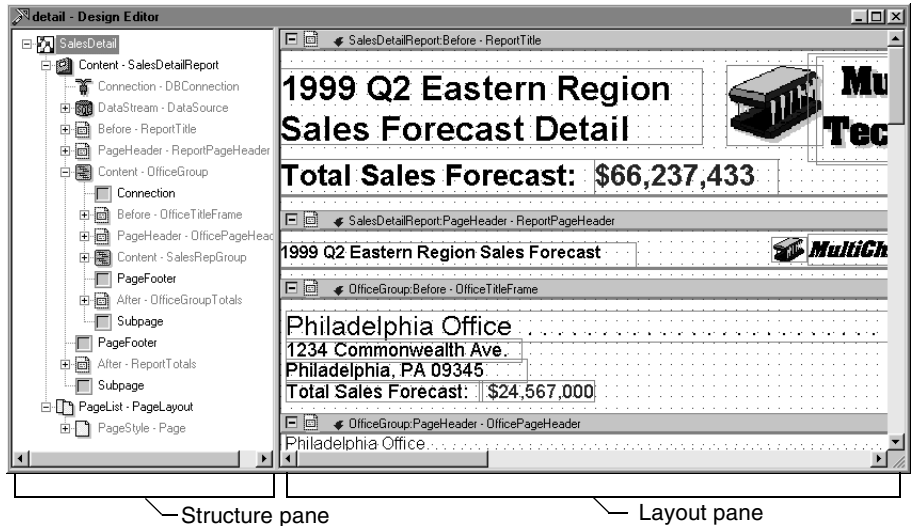
Structure pane   Layout pane

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
e.report
layout pane
structure pane

detail frame **1** In Actuate e.Report Designer and Actuate e.Report Designer Professional, a frame that prints for each row coming from the data stream. To create a detail frame, place a frame in the innermost Content slot of a report or group section.

2 In Actuate e.Report Designer Java Edition, a zone that prints for each row coming from the data source.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Content
data stream
e.report
frame
group section
row
slot

Developer Workbench

See Actuate e.Report Designer Professional.

DHTML (dynamic hypertext markup language)

See dynamic hypertext markup language (DHTML).

DHTML report

A report in DHTML format viewed in a web browser. DHTML reports use a combination of cascading stylesheets, HTML, and scripts. DHTML reports do not support diagonal lines or ellipses.
Related terms
browser
cascading stylesheet
hypertext markup language (HTML)
report
Contrast with
XML report

dimension　A data category used by Actuate e.Analysis Option to create an axis of a cube for presentation of a view. The view displays two dimensions at a time. The dimension bar lists all possible dimensions of the cube.
Related terms
Actuate e.Analysis Option
category
cube
dimension
view

directive　See Actuate Active Portal, ReportCast directive, and web directive.

Distributed e.Reporting Server System

See cluster.

Distribution service

See Message Distribution service.

DLL (dynamic link library)

See dynamic link library (DLL).

document object model (DOM)

A model that defines the structure of a document such as an HTML or XML document. The document object model defines interfaces that dynamically create, access, and manipulate the internal structure of the document. www.w3.org/DOM/ is the W3C document object model.
Related terms
extensible markup language (XML)
hypertext markup language (HTML)
interface

structured content
World Wide Web Consortium (W3C)

document type definition (DTD)

A set of markup tags and their interpretation that together define the structure of a document.
Contrast with
extensible markup language (XML)
structured content

domain name

A name that defines a node on the internet. For example, Actuate Corporation's domain name is Actuate. The web address is www.actuate.com.
Contrast with
node

dot notation

In Actuate e.Report Designer Professional, syntax that refers to the methods and variables of an object. The dot separates the name of an object handle from the name of an instance variable or method in the referenced object. For example, Label1.Text.
Related terms
Actuate e.Report Designer Professional
method
object
syntax
variable

Double data type

An Actuate Basic data type that stores double-precision floating point numbers, ranging in value from -1.797693134862315E308 to -2.23E-308 for negative values and from 2.23E-308 to 1.797693134862315E308 for positive values.
Related terms
Actuate Basic
data type
value

drag and drop

A Windows technique that requires holding down the mouse button while the pointer is over an object you wish to select and move. Release the mouse button to drop the object at the destination. In Actuate e.Report Designer and Actuate e.Report Designer Professional, the operation that is performed by this action, such as copy, move, subclass, or publish, depends on the

component you select and the place where you drop it. Holding down shift and control keys also affect the nature of the operation.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
publish
subclass

drawing control

A component that adds graphic elements to an e.report design. Actuate e.Report Designer and Actuate e.Report Designer Professional provide ellipse, image, line, and rectangle. The relevant Actuate Foundation Classes are AcEllipseControl, AcImageControl, AcLineControl, and AcRectangleControl. DHTML reports do not support diagonal lines or ellipses.

Related terms
Actuate Foundation Class (AFC)
component
control
design
ellipse control
e.report
image control
line control
rectangle control

driver An interface between the Actuate e.Reporting Server and a third-party program.
Related terms
Actuate e.Reporting Server
autoarchive driver
interface
open server driver

DTD (document type definition)

See document type definition (DTD).

dual y-axis chart

A type of chart that has two independent y-axes. The relevant Actuate Foundation Class is AcChart or AcGraph.
Related terms
Actuate Foundation Class (AFC)
chart

Contrast with
base chart
graph

dynamic hyperlink

A connection from one part of an e.report to another part of a different e.report. The dynamic hyperlink differs from a static hyperlink by first generating a new e.report, then linking the source e.report to the destination e.report. The static hyperlink simply connects two existing reports, or a control in one report with another control in the same report.
Related terms
Actuate e.Report Designer Professional
e.report
hyperlink
report

dynamic hypertext markup language (DHTML)

An HTML extension that provides interactivity in a web page without the necessity for communication with a web server. The Document Object Model Group of the W3C develops DHTML standards.
Related terms
hypertext markup language (HTML)
web page
web server
World Wide Web Consortium (W3C)
Contrast with
layout

dynamic link library (DLL)

A library of routines loaded and linked into an application at run time in the Windows environment. These routines can be called from Actuate Basic.
Related terms
Actuate Basic
library

dynamic page size

The ability to have page size adjust based on the number of rows of data retrieved from a data source.
Related terms
data
data source
row

dynamic text control

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a data control that displays text data that contains multiple style formats and a variable amount of text. A dynamic text control adjusts its size automatically to accommodate varying amounts of data. The relevant Actuate Foundation Class is AcDynamicTextControl.

Related terms
Actuate Foundation Class (AFC)
control
data
format

EJB See Enterprise JavaBean (EJB)

ellipse control

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that adds a circular or oval graphic shape to a report design. The relevant Actuate Foundation Class is AcEllipseControl. DHTML and HTML reports do not display these shapes.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
component
control
DHTML report
Contrast with
drawing control

embed To insert a copy of an OLE object from one application inside another. Once embedded, the object has no association with the original source object.
Related terms
object
object linking and embedding (OLE)
Contrast with
link

empty In Actuate Basic, a value that indicates a variable has not been initialized. Empty equals zero in a numeric context, zero-length in a string context, or Nothing in the case of an object handle.
Related terms
Actuate Basic
object

value
variable

encapsulation

A technique of packaging related data functions and subroutines together. Encapsulation compartmentalizes the structure and behavior of a class, hiding the implementation details, so that parts of an object-oriented system need not depend upon, or affect, each other's internal details.
Related terms
class
data
function
subroutine

Encyclopedia

See Report Encyclopedia volume.

Encyclopedia process

A mechanism that manages the groups, items, roles, and users in a Report Encyclopedia volume and the related functionality of that Report Encyclopedia volume. The Encyclopedia process controls the Factory and View processes.
Related term
Factory process
Report Encyclopedia volume
View process
Contrast with
Encyclopedia service
Process Manager

Encyclopedia service

A mechanism within the Actuate e.Reporting Server that manages one or more Report Encyclopedia volumes. Other services are Factory service, Message Distribution service, and View service.
Related terms
Actuate e.Reporting Server
Factory service
Message Distribution service
Report Encyclopedia volume
service
View service
Contrast with
Encyclopedia process

End User Desktop

See Actuate End User Desktop.

engine　　**1**　In Actuate e.Report Designer Java Edition, a tool that generates a report for viewing. The engine follows the instructions in a report template design (.jod) file to generate a report in the format specified by the user.

The engine is also deployable in user applications. Using that functionality requires specific licensing of the e.Report Designer Java Edition engine.

2　In Actuate e.Spreadsheet Designer, an API driven developer tool used to build a processor. The developer has flexibility to mix any third party tool to gather, calculate, and process data and pass it between the data source and the e.spreadsheet. The typical use is in specialized executable applications.

Using the engine functionality requires specific licensing of the Actuate e.Spreadsheet Designer engine.

Related terms
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Java Edition Engine
Actuate e.Spreadsheet Designer
Actuate e.Spreadsheet Designer Engine
data source
e.spreadsheet
Contrast with
Factory process

enterprise　A large collection of networked computers running on multiple platforms. Enterprise systems can include both mainframes and workstations integrated into a single managed environment. Typical software products used in an enterprise environment include browsers, applications, applets, web tools, and multiple databases supporting a warehouse of information.
Related terms
applet
application
browser
enterprise reporting

Enterprise JavaBean (EJB)

A standards-based server-side component which encapsulates the business logic of an application. An EJB can provide access to data or model the data itself. Application servers provide the deployment environment for EJBs.
Related term
Java

enterprise reporting

The production of a high volume of simple and complex structured documents that collect data from a variety of data sources. A large number of geographically distributed users working in both client/server and internet environments receive, work with, and modify these reports.

Related terms
client/server
data source
enterprise
report

e.report A structured document viewable in a browser that follows a set of rules to organize, summarize, and present data from one or more records. The formats of these records include DHTML, XML, and spreadsheets.
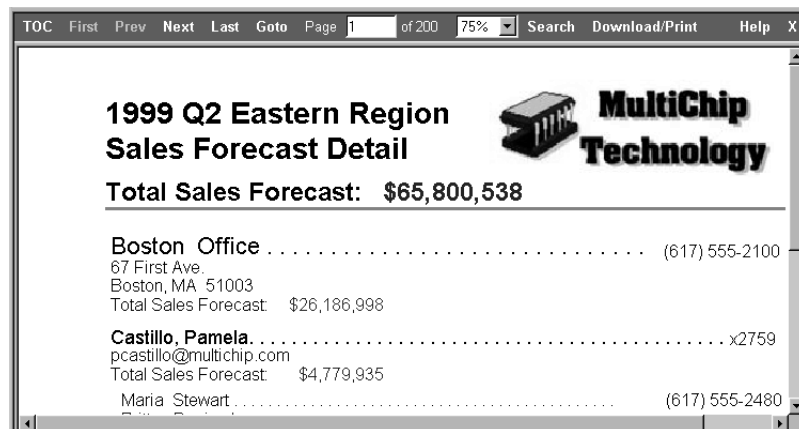
Related terms
browser
data
dynamic hypertext markup language (DHTML)
extensible markup language (XML)
Contrast with
DHTML report
e.spreadsheet report
report

e.Report Designer

See Actuate e.Report Designer.

e.Report Designer Java Edition

See Actuate e.Report Designer Java Edition

e.Report Designer Professional

See Actuate e.Report Designer Professional.

e.report Option

See Actuate Basic and Actuate e.Report Designer Java Edition Option.

e.reporting A technology that draws data from one or more data sources and presents it as structured content for viewing in a web browser.
Related terms
data
data source
structured content
web browser

e.Reporting Server

See Actuate e.Reporting Server and Actuate e.Reporting System.

e.Reporting System

See Actuate e.Reporting System

escape character(\)

1 A character used to enter a multibyte character or non-printing ASCII character in a search expression. For example, \t represents the Tab character.

2 A character to use when special characters are to be taken literally, as in Query by Example (QBE) expressions.
Related term
Query by Example (QBE)
search expression

e.spreadsheet

See e.spreadsheet report.

e.spreadsheet report

A document created using Actuate e.Spreadsheet Designer that contains formatted and structured content and uses a spreadsheet design.
Related terms
Actuate e.Spreadsheet Designer
structured content
Contrast with
DHTML report
e.report
XML report

e.Spreadsheet template (.vts) file

A file that contains a spreadsheet or workbook that can be used as a report design. The Actuate e.Spreadsheet Designer produces e.Spreadsheet template files. Use the Actuate e.Spreadsheet Option installed on the Actuate e.Reporting Server to create a Microsoft Excel (.xls) file from an e.Spreadsheet template file.

Related terms
Actuate e.Reporting System
Actuate e.Spreadsheet Designer
Actuate e.Spreadsheet Option
design
report

Contrast with
Actuate Palette Representation (.apr) file
Basic source (.bas) file
e.Spreadsheet template package (.vtf) file
report object design (.rod) file
report object executable (.rox) file
report object instance (.roi) file
report object library (.rol) file
search definition (.ros) file

e.Spreadsheet template package (.vtf) file

A compressed file that contains a single spreadsheet file, either an e.Spreadsheet template (.vts) file or a Microsoft Excel (.xls) file, and other files such as properties files, XSL files, and graphics files used in an Actuate e.Spreadsheet Designer report template. e.Spreadsheet template package files output spreadsheet reports as Microsoft Excel (.xls) files when published and run on Actuate e.Reporting System with Actuate e.Spreadsheet Option.

Related terms
Actuate e.Reporting System
Actuate e.Spreadsheet Designer
Actuate e.Spreadsheet Option
extensible stylesheet language (XSL)
report

Contrast with
Actuate Palette Representation (.apr) file
Basic source (.bas) file
e.Spreadsheet template (.vts) file
report object design (.rod) file
report object executable (.rox) file
report object instance (.roi) file
report object library (.rol) file
search definition (.ros) file

event   **1** An action or occurrence recognized by an object. Each object responds to a predefined set of events that can be extended by the developer. For example, user events include clicking the mouse button and moving a pointer. Mouse event methods work in an Actuate Windows Viewer. They are not available when using a web browser to view a report in DHTML format.

2 An action or occurrence associated with an object. For example, object moved, object operation completed, object operation failed, and object renamed.
Related term
object
Contrast with
event handler
event listener

event handler

A method that runs in response to an event. Event handlers override the method's default action.
Related terms
event
method
Contrast with
event listener

event listener

An interface that detects when particular events occur and runs registered methods in response to those events.
Related terms
event
Contrast with
event handler

Excel converter

A tool that converts Actuate Basic reports to an Excel spreadsheet.
Related terms
Actuate Basic
report

exception   An abnormal situation encountered by a program. In some cases the program handles the exception and returns a message to the user or application running the program. In other cases, the program cannot handle the exception and the program terminates.

executable file

A file that contains machine-readable instructions that, when run, perform one or more tasks. In Actuate products, executable files run in the Actuate e.Reporting System. Actuate e.Report Designer and Actuate e.Report Designer Professional report executable files have .rox filename extensions. Actuate e.Report Designer Java Edition executable files have .jod filename extensions. Actuate e.Spreadsheet Designer executable files have .vtf or .vts filename extensions. Crystal reports have .rpt filename extensions. SQRIBE reports have .sqt filename extensions.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate e.Reporting System
Actuate e.Spreadsheet Designer
Crystal report executable file type
e.Spreadsheet template package (.vtf) file
report object design (.jod) file Java Edition
report object executable (.rox) file
SQRIBE report executable file type

execute privilege

A privilege that provides the ability to run items from the Report Encyclopedia volume. Other privileges include delete, grant, read, secure read, visible, and write.

Related terms
delete privilege
grant privilege
privilege
read privilege
Report Encyclopedia volume
secure read privilege
visible privilege
write privilege

expiration

A channel property that specifies how long a completion notice remains in the channel before it is deleted.

Related terms
Actuate Active Portal
Actuate Management Console (AMC)
channel
property

express content

A report document that is temporarily available and is not stored in a Report Encyclopedia volume. This report, which runs in synchronous mode, is visible only to the user requesting the report. These reports are also called temporary and transient reports.

Related terms
e.report
report
Report Encyclopedia volume
synchronous

expression   A combination of constants, controls, functions, literal values, names of fields, and operators that evaluates to a single value. In Actuate Basic, you can use expressions to set property values.

Related terms
Actuate Basic
constant
control
field
function
property
value

Expression Builder

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a tool used to select data fields, functions, and operators to write expressions.
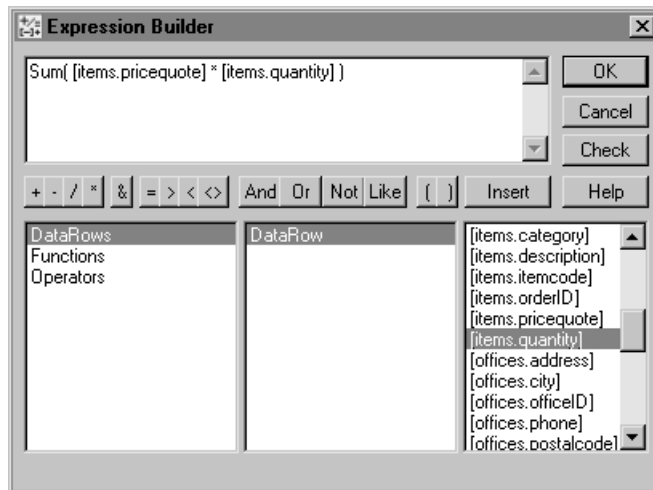
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
data
function
expression
operator

extensible markup language (XML)

XML is an interface layer or wrapper for data being passed among data sources so a wide variety of applications, legacy systems, and databases can exchange information. XML organizes data into a strictly defined structure to facilitate that data exchange. XML is content-oriented rather than format-oriented. The W3C direction is to create a schema specification that provides a way to determine whether the content of an XML document is valid and an XML query specification that provides a language for searching data repositories. Vertical industry flavors of XML are developing to support interoperability of Business to Business (B2B) software. For example, ebXML (electronic business XML) is a modular suite of specifications that provides a horizontal messaging framework. Other examples of emerging cross-industry standards include XSL (extensible stylesheet language), CIDEX (Chemical Industry Data Exchange), IFX (International Financial Exchange), and UBL (Universal Business Language).

XML documents must be well-formed. Briefly, well-formed means a document must contain one or more elements and that the root element must contain all the other elements. Each element must nest inside any enclosing elements following the syntax rules.
Related terms
data
extensible stylesheet language (XSL)
World Wide Web Consortium (W3C)
XML report
Contrast with
extensible stylesheet language transformations (XSLT)
hypertext markup language (HTML)

extensible stylesheet language (XSL)

A language defined in a W3C specification that expresses how to format, lay out, and paginate in a presentation medium such as a window in a web browser or a page in the printed document. XSL uses two processes: transformation and formatting. Using two processes supports differentiation between the structure of the result tree and the structure of the source tree. XSL stylesheet language typically derives from XML. Because XML contains no presentation information without using a stylesheet, the processor renders the XML content as an undifferentiated string of characters.

Related terms
extensible markup language (XML)
extensible stylesheet language transformations (XSLT)
web browser
World Wide Web Consortium (W3C)
Contrast with
hypertext markup language (HTML)

extensible stylesheet language transformations (XSLT)

A transformation language for manipulating and formatting XML documents and turning them into other XML, HTML, or text-based document formats. XSLT can be read by XSLT processors which use a stylesheet that specifies the rules to apply.
Related terms
extensible markup language (XML)
extensible stylesheet language (XSL)

extensible stylesheet language transformations stylesheet (XSLT stylesheet)

A document that specifies the rules to transform a particular XML document. All XSLT stylesheets are XML documents and should be well-formed XML. A well-formed XML document follows syntax rules established in the XML 1.0 recommendation. Well-formed means a document must contain one or more elements and that the root element must contain all the other elements. Each element must nest inside any enclosing elements following the syntax rules.
Related terms
extensible markup language (XML)
extensible stylesheet language (XSL)
extensible stylesheet language transformations (XSLT)
syntax

external cell reference

In Actuate e.Spreadsheet Designer, a four-part cell reference having a different workbook name from the workbook in which it is used.
Related terms
absolute cell reference
cell
cell reference
relative cell reference

Factory   In Actuate End User Desktop, Actuate e.Report Designer, and Actuate e.Report Designer Professional, an internal tool that generates an e.report for viewing. The Factory follows the instructions in a report executable (.rox) file to generate a report (.roi).
Related terms
Actuate End User Desktop
Actuate e.Report Designer

Actuate e.Report Designer Professional
e.report
report object executable (.rox) file
report object instance (.roi) file
view
Contrast with
Factory process
Factory service

Factory process

An Actuate e.Reporting Server process that generates a report instance file (.roi) from a report executable file (.rox) and issues notification of the completion of the report. Other processes are Encyclopedia process, Process Manager, and View process.
Related terms
Encyclopedia process
Process Manager
report
report object executable (.rox) file
report object instance (.roi) file
View process
Contrast with
Factory
Factory service

Factory service

A mechanism within Actuate e.Reporting Server that enables and disables the availability of report server factory processes. Other services are Encyclopedia service, Message Distribution service, and View service.
Related terms
Actuate e.Reporting Server
Encyclopedia service
Message Distribution service
View service
Contrast with
Factory
Factory process

failover   In a cluster, a process by which one machine or component assumes the workload for another machine or component that stops working.
Related term
cluster
Contrast with
administrative failover

fetch   To retrieve the next available data row. Data adapters fetch data rows. If the
data adapter is a data source component, the fetch reads a new data record
from the database or other data source. If the data adapter is a filter, then the
filter retrieves a data row from another data adapter and processes the row.

Data stream
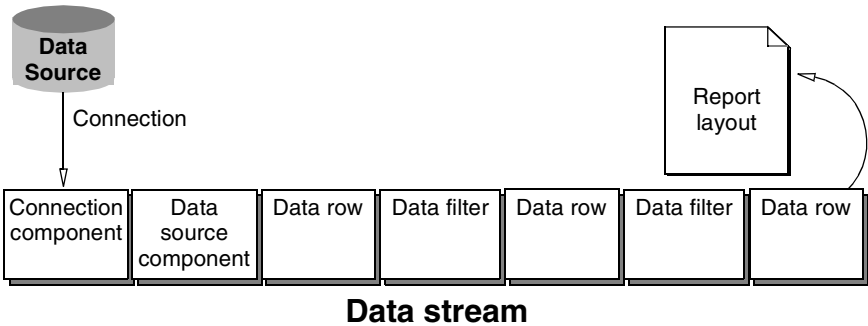
Related terms
data
data adapter
data filter
data row
data source

field   The smallest identifiable part of a database table structure. In a relational
database, a field is also called a column.

Field in the items table
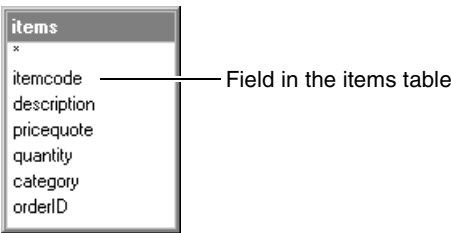
Related term
column
Contrast with
table

Field List   A tool in Actuate e.Report Designer and Actuate e.Report Designer
Professional that shows all the fields in the data row returned by a data
stream.

Field in the data row
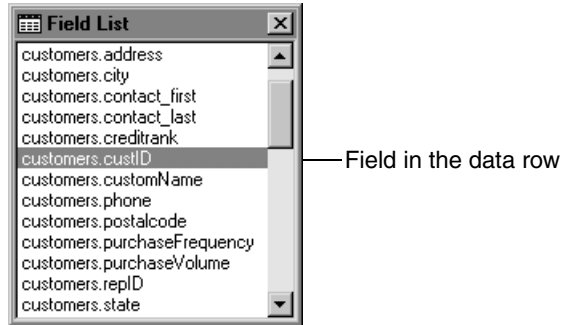
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
data row
data stream

file dependency

A file property that means one file depends upon another file for its existence. For example, in the Report Encyclopedia volume a dependency exists between a report document (.roi file) and the report object executable (.rox file). Both files must be present to view an e.report.
Related terms
e.report
property
Report Encyclopedia volume
report object instance (.roi) file
report object executable (.rox) file

file types   See Actuate Palette Representation (.apr) file, Basic source (.bas) file, Crystal report executable (.rpt) file, e.Spreadsheet template (.vts) file, e.Spreadsheet template package (.vtf) file, report object design (.jod) file Java Edition for Actuate e.Report Designer Java Edition, report object design (.rod) file for Actuate e.Report Designer and Actuate e.Report Designer Professional, report object executable (.rox) file, report object instance (.roi) file, report object library (.rol) file, report object parameter (.rop) file, report object value (.rov) file, report object web (.row) file, search definition (.ros) file, SQRIBE report executable (.sqt) file, Microsoft Excel (.xls) file. For a list of file types, see the File Types Page in the Actuate Management Console (AMC).

filter   In the Actuate Management Console, a user interface element that enables the administrator to reduce the number of items in a list.
Related term
Actuate Management Console (AMC)
Contrast with
data filter

flow　　　　　In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that defines a printable area of a page. Flows determine the columns and margins of a page. The relevant Actuate Foundation Class is AcFlow.
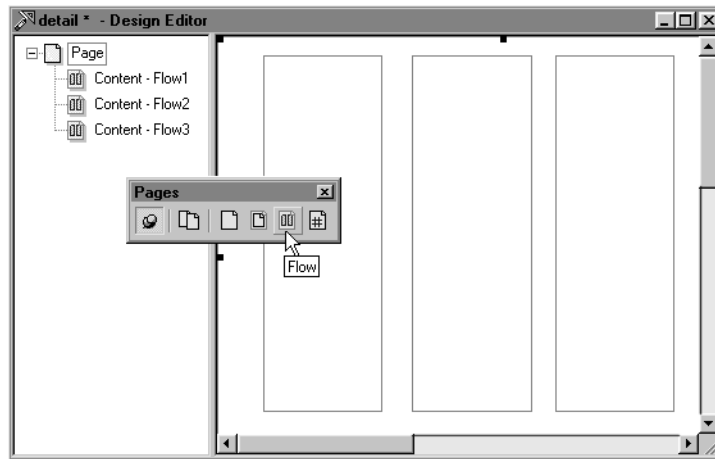
Related terms
Actuate Foundation Class (AFC)
component
page
Contrast with
frame

font　　　　　A family of characters of a given style. Fonts contain information specifying typeface, weight, posture, and type size.

footer　　　　**1** A unit of information that appears at the bottom of a page.

　　　　　　　　2 A group footer is a unit of information that appears at the bottom of a group section.
Related terms
group
group section
page
Contrast with
header

format　　　　A set of standard options with which to display and print currency, dates, numbers, and times. The Actuate Basic format function has a predefined format and supports user-defined formats.
Related term
locale map

format toolbar

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a toolbar used to change properties quickly without using Component Properties or the Component Editor. The properties available through the format toolbar include alignment, font, font color, font size, and font style.

Related terms
Component Editor
font
toolbar

forms-capable browser

A browser that handles HyperText Markup Language (HTML) forms. HTML tags enable interactive forms including fill-in text areas, option buttons, drop-down list boxes, and check boxes.
Related terms
browser
hypertext markup language (HTML)

formula

An expression that defines the information displayed in a worksheet cell. Formulas can contain values, mathematical operators, spreadsheet-specific operators, cell references, defined names, and functions.
Related terms
cell reference
function
value

formula control

A component in the Actuate e.Report Designer Java Edition that uses an expression to define the information displayed in the report document. The expression can contain other controls, values, data fields, mathematical operators, and functions.
Related terms
Actuate e.Report Designer Java Edition
component
control
expression
function
value
Contrast with
calculated control
data field control

frame   **1** In Actuate e.Report Designer and Actuate e.Report Designer Professional, a rectangular container for controls such as graphics, numbers, and text. In Actuate e.Report Designer Java Edition the term zone is used instead of frame.
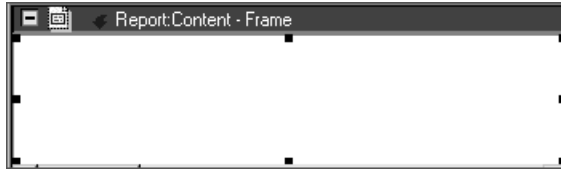
2 An HTML frame is an independently scrollable section of a window that divides a web page into horizontal or vertical sections. Actuate structured documents can include HTML frames. Actuate ReportCast template files make use of HTML frames.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate ReportCast
ReportCast template file
zone

framework A set of interrelated classes, such as the Actuate Foundation Classes, that provide an architecture for building an application.

Related terms
class
Actuate Foundation Class (AFC)

function   **1** A sequence of instructions that has been defined as a separate unit within a program, allowing the unit to be invoked anywhere in the program simply by including its name as one of the instructions. An Actuate Basic function is similar to a subroutine except it returns a value.

2 A keyword used in an Actuate e.Spreadsheet Designer worksheet to perform a specific calculation or evaluation in a formula. For example, sum, rand, and count are spreadsheet function keywords.

Related terms
Actuate Basic
Actuate e.Spreadsheet Designer
keyword
formula
value
Contrast with
subroutine

global name space

In Actuate e.Report Designer Java Edition and Actuate e.Report Designer Professional, a list of names of items available throughout a report design. The list can include names of classes, functions, and variables.

Related terms
class
function
report object design
scope resolution operator
variable

global variable

A variable available to all procedures in an application. A global variable stays in memory until the application ends.

Related terms
procedure
variable

Contrast with
instance variable
member
static variable

Globals Browser

In Actuate e.Report Designer Professional, a tool that lists alphabetically the components in an e.report design.

Related terms
Actuate e.Report Designer Professional
browser
design
e.report

Contrast with
Project Browser

grandchild class

See descendant class.

grandparent class

See ancestor class.

grant privilege

A privilege that provides the option to extend privileges for a specific item in the Report Encyclopedia volume to other users. The user who develops a particular item and places it in the Report Encyclopedia volume and the

volume administrator both have grant privileges for that item. Other privileges include delete, execute, read, secure read, visible, and write.
Related terms
delete privilege
execute privilege
privilege
read privilege
Report Encyclopedia volume
secure read privilege
visible privilege
write privilege

graph   A component used to compare and display summary information in a report. Actuate products use both terms—and graph—to provide required functionality though beginning in Actuate e.Reporting Suite 6, charting is the preferred functionality. Each of the designer tools provides different capabilities. Consult the documentation for each product. Consult the Upgrading Guide for information about how to modify graphs to take advantage of new chart capabilities.
Related terms
chart
component
report

grid   1   A vertical and horizontal pattern that helps users position design components accurately. Grids are available options in Actuate e.Report Designer, Actuate e.Report Designer Java Edition, Actuate e.Report Designer Professional, and Actuate e.Spreadsheet Designer.

2   A demarcation line that defines categories, dates, times, or other values in a chart.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer
component
Design Editor
layout pane
value

group   1   A set of data rows that have one or more column values in common. For example, in a sales report, a group consists of all the orders placed by a single customer.

2   A collection of elements in an Actuate e.Spreadsheet Designer worksheet that has been bound together to move, select, and size.

3   A collection of interrelated Actuate e.Spreadsheet Designer workbooks.

Related terms
Actuate e.Spreadsheet Designer
column
data row
value
Contrast with
grouped report
notification group

Group By page

In Actuate e.Report Designer Professional, a page in the Query Editor that displays definitions of aggregate rows. Use the Group By page to specify aggregate rows, which summarize data from a group of rows.
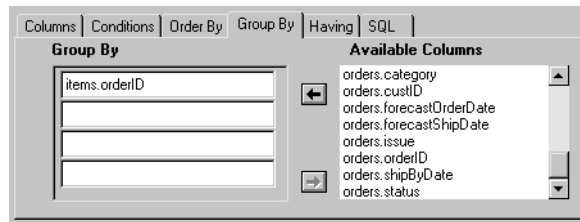
Related terms
aggregate row
data
page
row
Query Editor

group section

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that collects rows on a common field. For example, customers can be grouped by state. Group sections are used to create grouped reports. The relevant Actuate Foundation Class is AcGroupSection.

Structure pane of a grouped report
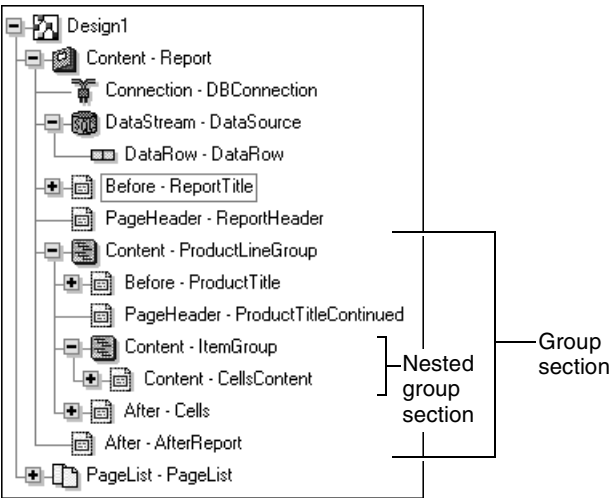
Related terms
Actuate Foundation Class (AFC)
component
group
grouped report
row
section
Contrast with
conditional section
parallel section
report section
sequential section

grouped report

An e.report that organizes data in groups. The groups can be nested.
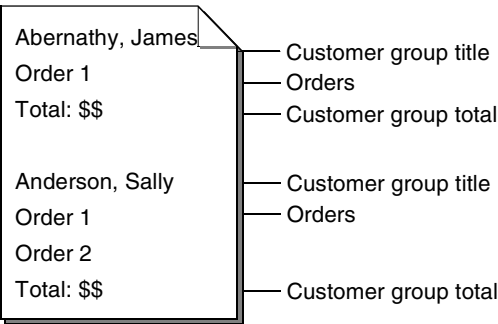
Related terms
data
e.report
group

grouping criteria

In Actuate e.Report Designer Java Edition, grouping criteria specify the beginning and end of groups of data rows. Grouping criteria can be a data field or a formula comprising data fields, built-in functions, and literal values. When the value of the grouping criteria changes, a group footer zone appears for the current group and a group header zone appears for the new group before the detail zone for the current row.

Related terms
Actuate e.Report Designer Java Edition
field
formula
function
value
zone

Having page

In Actuate e.Report Designer Professional, a page in the Query Editor that displays selection criteria for aggregate rows.
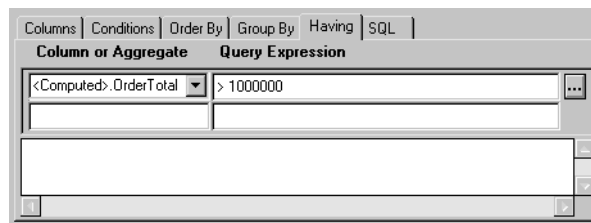
Related terms
aggregate row
e.report
page
Query Editor

header

1 A unit of information that appears at the top of every page.

2 A group header is a unit of information that appears at the beginning of a group section.

Related terms
group
group section
page

Contrast with
footer

help   See balloon help.
Contrast with
online help

hexadecimal number

A number in base 16. A hexadecimal number uses the digits 0 through 9 and
the letters A through F. Each place represents a power of 16. By comparison,
base 10 numbers use the digits 0 through 9. Each place represents a power of
10.
Related term
octal number
Contrast with
character set

hierarchy   Any tree structure that has a root and branches that do not converge.
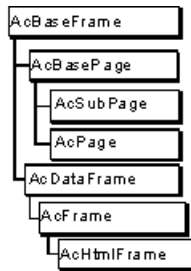
home folder

A user's working environment in the Report Encyclopedia volume.
Related term
Report Encyclopedia volume

HTML   See hypertext markup language (HTML).

HTTP   See hypertext transfer protocol (HTTP).

hyperlink **1** In Actuate e.Report Designer Professional, a connection from one part of an
e.report to another part of the same or different e.report. Typically,
hyperlinks support access to related information within the same report, in
another report, or in another application. A change from the standard
cursor shape to a cursor shaped like a hand indicates a hyperlink.

2 A jump to another location on a email, file, web page, or worksheet depending upon the Actuate product that you use.

3 In Actuate e.Report Designer Java Edition, a jump to a location in a file or a web document. A control that is a hyperlink is a web link. A formula control formatted as a URL is also a hyperlink.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
cell
connection
control
e.report
formula control
Unicode
web page
Contrast with
dynamic hyperlink
link
static hyperlink

hypertext markup language (HTML)

A specification that determines the layout of a web page. HTML is the markup language that tells a parser that the text is a certain portion, for example, the title, heading, or body text, of a document on the web. Web browsers parse HTML to display web pages.
Related terms
web browser
web page

hypertext markup language page

A page containing tags that a web browser interprets and displays as a web page.
Related terms
page
tag
web browser
web page

hypertext transfer protocol (HTTP)

An internet standard that supports the exchange of information using the web. HTTP enables the embedding of hyperlinks from one part of a web document to another part of the same document or a different document.

Related term
protocol

identifier   The name assigned to an item in a program such as a class, function, or
variable.
Related terms
class
function
variable

image   An imported graphic file. Actuate e.Report Designer and Actuate e.Report
Designer Professional support .bmp, .jpg, .jpeg, .pcx, .tga, .tif and .tiff files. .gif
images are supported with limitations in the DHTML viewer. .gif images
cannot be viewed in the Actuate Viewer, Actuate End User Desktop, the LRX
for Microsoft Internet Explorer and Netscape, or the ActiveX Control. Actuate
e.Report Designer Java Edition and Actuate e.Spreadsheet Designer support
only .gif and .jpeg.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer

image control

In Actuate e.Report Designer, Actuate e.Report Designer Java Edition, and
Actuate e.Report Designer Professional, a component that adds a graphic to a
report design. In Actuate e.Report Designer and Actuate e.Report Designer
Professional, the relevant Actuate Foundation Class is AcImageControl.
Related terms
Actuate Foundation Class (AFC)
component
control
image

IME file   See Input Method Editor (IME) file

implicit declaration

A variable declaration in an assignment statement rather than in the Dim,
Global, or Static statements. Implicit declaration is supported in Visual Basic,
but not in Actuate Basic. All declarations in Actuate Basic are explicit.
Related terms
declaration
statement
variable

imported object

See object linking and embedding (OLE).

Information Delivery API

See Actuate Information Delivery API.

inheritance　A mechanism whereby one class of objects can be defined as a special case of a more general class and automatically includes the method and variable definitions of the general class, known as a base or superclass. The superclass serves as the baseline for the appearance and behavior of the derived class, or subclass. In the subclass, the appearance and behavior can be further specialized without affecting the superclass. There are two kinds of inheritance: single inheritance and multiple inheritance. Typically, a subclass augments or redefines the behavior and structure of its superclass or superclasses.
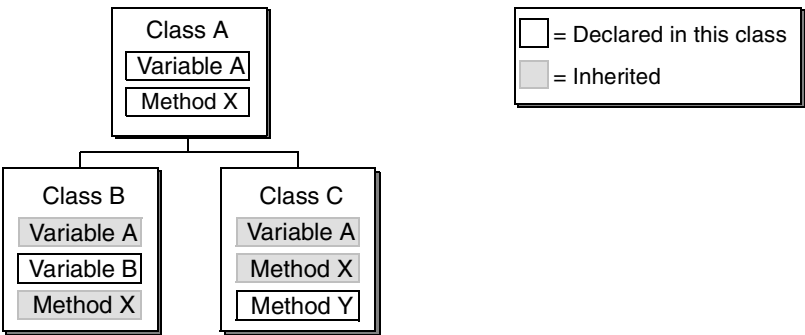
Related terms
base class
class
derived class
method
multiple inheritance
object
single inheritance
subclass
superclass
variable

initial view　In Actuate e.Analysis Option, the first view a user sees when opening a cube.
Related terms
Actuate e.Analysis Option
cube

inner join　A type of join that returns records from two tables based on their having specified values in the join fields. The most common type of inner join is the equijoin, in which records are combined and returned based on field values being equal. For example, if customer and order tables are joined on customer

ID, the result set will contain only combined customer and order records where the customer IDs are equal.
Related term
join
Contrast with
outer join

Input Method Editor (IME) file

A Java class file which sets the keyboard mapping for a character set. Place the IME file in the jre\lib\ext directory to make it accessible to the Java environment.
Related terms
character set
class
Java

input object   A parameter passed to a request.
Related terms
parameter
request

input source

See data source.

instance   An object defined by a class. The object contains particular values for its variables. An instance has state, behavior, and identity.
Related terms
class
object
variable

instance variable

A variable that can contain a different value in each instance of a class. For example, instance variables store data values, font, and size. An instance variable is also known as a member variable. In Java, an instance variable is known as a field variable.
Related terms
class
Java
value
variable
Contrast with
global variable
static variable

instantiation

The process of creating an object.
Related terms
class
instance
object

Integer data type

1 An Actuate Basic data type that stores whole numbers, ranging in value from -2,147,483,648 to 2,147,483,647.

2 An XML data type derived from the decimal data type by fixing the value of scale to be 0.

3 A Java wrapper data type for the primitive data type, int, that stores whole numbers in an object, ranging in value from -2,147,483,648 to 2,147,483,647.
Related terms
Actuate Basic
data type
Java
extensible markup language (XML)
Contrast with
Long data type

interface

1 The connection and interaction among hardware, software, and the user. Hardware interfaces include plugs, sockets, wires, and electrical pulses traveling through them in a particular pattern. Hardware interfaces include electrical timing considerations such as RS-232 transmission, Ethernet and Token Ring, network topologies, and the IDE, ESDI, SCSI, ISA, EISA, and Micro Channel.

Software or programming interfaces are the languages, codes, and messages that programs use to communicate with each other and to the hardware and the user. Software interfaces include applications running on specific operating systems, SMTP e-mail, and LU 6.2 communications protocols.

2 In Java, an interface defines methods that a class which implements the interface must provide. The interface provides a mechanism for classes to communicate in order to execute particular actions.
Related terms
application
class
connection
Java
message

IP address	The unique 32-bit ID of a node on a TCP/IP network.
J2EE	See Java 2 Enterprise Edition (J2EE).
J2SE	See Java 2 Runtime Standard Edition (J2SE).
JAR	See Java Archive file (JAR).
JDBC	See Java Database Connectivity (JDBC).
JDK	See Java Development Toolkit (JDK).
JNDI	Java Naming and Directory Interface (JNDI)
JNI	See Java Native Interface (JNI).
JVM	See Java Virtual Machine (JVM).
Java	A programming language designed for writing client/server and networked applications, particularly for delivery on the web. Java can be used to write applets that animate a web page or to create an interactive web site. **Related terms** applet application client/server web page **Contrast with** JavaScript

Java 2 Enterprise Edition (J2EE)

A platform-independent environment including services, APIs, and transport protocols that is used to develop and deploy web-based enterprise applications. Typically, this environment is used to develop highly scalable applications.
Related terms
application
Application Programming Interface (API)
Enterprise JavaBean (EJB)
Contrast with
Java 2 Runtime Standard Edition (J2SE)

Java 2 Runtime Standard Edition (J2SE)

A smaller-scale platform-independent environment providing similar capabilities to the J2EE. The J2SE does not have Enterprise JavaBean or enterprise environment.
Contrast with
Enterprise JavaBean (EJB)
Java 2 Enterprise Edition (J2EE)

Java Archive file (JAR)

A file format used to bundle Java applications.

Related terms
application
Java

Java Database Connectivity (JDBC)

A standard protocol used by Java to access database data sources in a platform-independent manner. Only databases that support JDBC can provide data to the database data source. For example, Actuate e.Report Designer Java Edition uses JDBC to connect to databases. JDBC can connect to ODBC-compliant data sources using a bridge class.

Related terms
bridge class
connection
database connection
database management system (DBMS)
Java
protocol
Contrast with
open database connectivity (ODBC)

Java Development Toolkit (JDK)

A Sun Microsystems software development kit that defines the Java API and is used to build Java programs. The kit contains software tools and other programs, examples, and documentation that helps software developers create applications using the Java programming language.

Related terms
Application Programming Interface (API)
Java
Contrast with
JavaServer Page (JSP)

Java Naming and Directory Interface (JNDI)

A naming standard that provides clients with access to EJBs.

Related term
Enterprise JavaBean (EJB)

Java Native Interface (JNI)

A standard protocol that supports interaction between C or C++ applications and Java applications. Using JNI supports use of Java objects, methods, exceptions, and classes by C or C++ applications.

Related terms
class
method

object
protocol

JavaScript

An interpreted, platform-independent language used to enhance web pages and provide additional functionality in web servers. For example, JavaScript can interact with the HTML of a web page to change an icon when the cursor moves across it. JavaScript is not closely related to Java.

Related terms
hypertext markup language (HTML)
web page
web server
Contrast with
Java

JavaServer Page (JSP)

A standard Java extension that simplifies the creation and management of dynamic web pages. The code combines HTML and Java code in one document. The Java code uses tags that tell the JSP container to generate a servlet.

Related terms
hypertext markup language (HTML)
Java
servlet
tag
web page

Java Virtual Machine (JVM)

An abstract layer that converts Java bytecode into machine language for execution.

Related term
Java

job   An asynchronous or batch process used to generate and print reports.
Related terms
asynchronous
process
report
Contrast with
retry policy
synchronous

job name   A name for an asynchronous request.
Related terms
asynchronous
request

job schedule

A schedule for a job. Each job has a particular schedule.
Related term
job

jobs folder   A folder that includes active, scheduled, and completed requests for reports.
In the completed jobs folder, you can see your own jobs and any other
completed jobs for which you are on the notification list. If you access a Report
Encyclopedia volume over the web the completed jobs folder appears as your
personal channel in a web browser.
Related terms
channel
job
notification
Report Encyclopedia volume

join   A SQL query operation that combines records from two tables and returns
them in a result set based on the values in the join columns. When used
without further qualification, join usually refers to an equijoin. For example,
customer and order tables are joined on a common field such as customer ID.
The result set contains combined customer and order records in which the
customer IDs are equal.
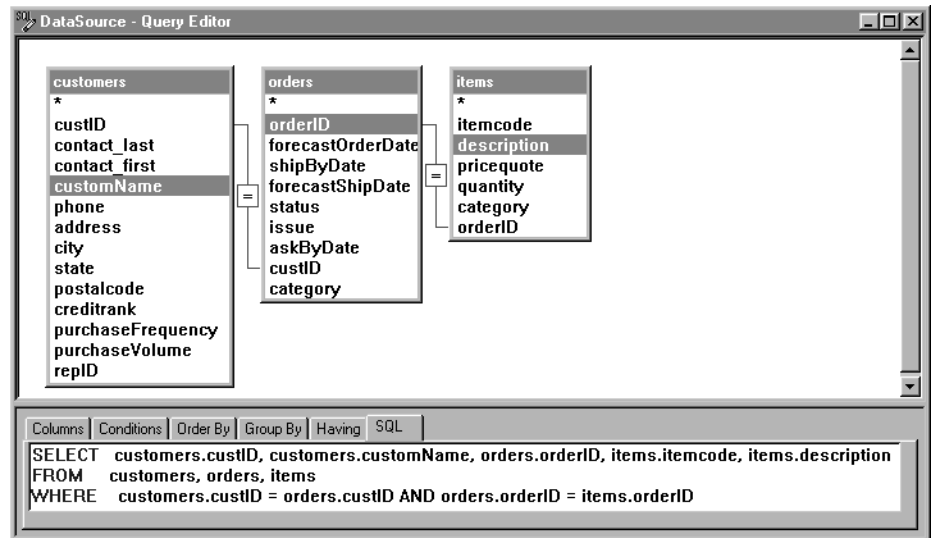
Contrast with
inner join
outer join

JSP   See JavaServer Page (JSP).

keyword   **1** A reserved word recognized as part of a programming language. For example, If, Then, and Loop are Actuate Basic keywords.

2 A name in an Actuate e.Spreadsheet Designer workbook, an Actuate e.Report Designer Java Edition report design that invokes the corresponding function. For example, sum.
Related terms
Actuate Basic
Actuate e.Report Designer Java Edition
Actuate e.Spreadsheet Designer
function

label control

A component that adds static text to an e.report. For example, a label control can be a heading above a column of data. In Actuate e.Report Designer and Actuate e.Report Designer Professional, a label control must be in a flow, frame, or page. The relevant Actuate Foundation Class is AcLabelControl.

Label control placed in a frame
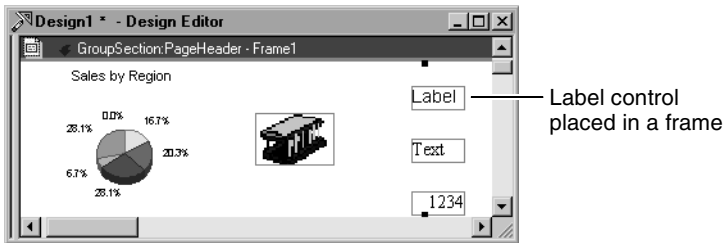
Related terms
Actuate Foundation Class (AFC)
component
control
flow
frame
page
Contrast with
text control

layout   The designed appearance of an e.report including controls, graphic elements, and margins.

Related terms
control
e.report

layout pane   In Actuate e.Report Designer, Actuate e.Report Designer Java Edition, and
Actuate e.Report Designer Professional, a portion of the Design Editor that
displays a visual representation of the components. The other portion of the
Design Editor is the structure pane.
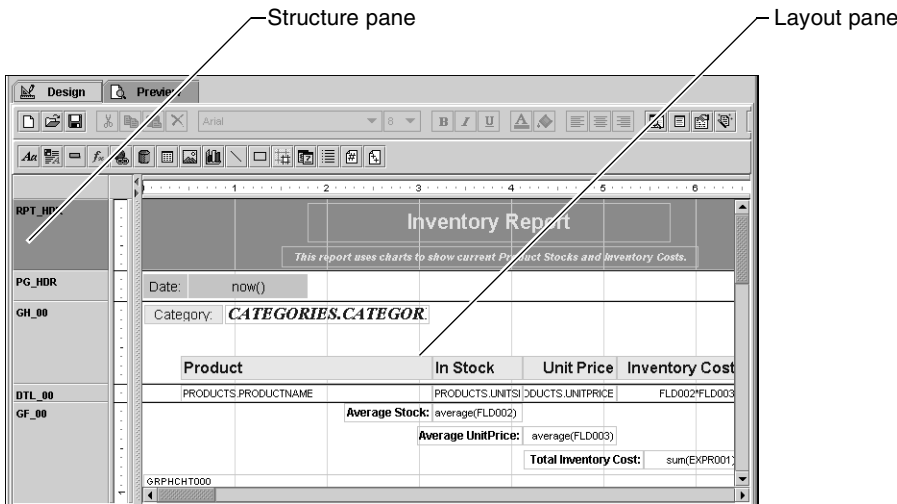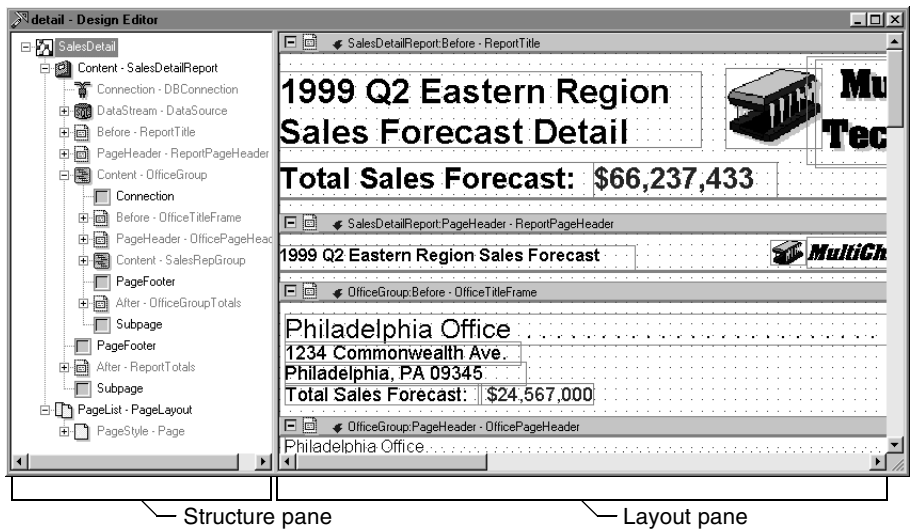
Structure pane   Layout pane

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition

Actuate e.Report Designer Professional
component
Contrast with
structure pane

level-break listing

See grouped report.

level-break section

See group section.

library   **1**   A file used when creating or running a program. For example, windows
library files are dynamic link libraries. UNIX library files are shared
libraries.

2   In Actuate e.Report Designer and Actuate e.Report Designer Professional,
a file that contains published components.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
publish
report object library (.rol) file

Library Browser

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a
tool that lists the components that have been published in the library.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
library
publish

library file   See report object library (.rol) file.

line control   **1**   In Actuate e.Spreadsheet Designer, a component that draws a line in a
report design.

2   In Actuate e.Report Designer and Actuate e.Report Designer Professional,
line controls are contained in a flow, frame, or page. The relevant Actuate
Foundation Class is AcLineControl.

3 In Actuate e.Report Designer Java Edition, a component that draws a horizontal or vertical line in a zone.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer
Actuate Foundation Class (AFC)
component
control
flow
frame
page
zone

link   **1** A connection between an OLE object and its application.

2 Some database products use link as a synonym for join. Actuate e.Report Designer, Actuate e.Report Designer Java Edition, and Actuate e.Report Designer Professional use the term join, not link.

3 In Actuate e.Report Designer Java Edition, a definition for the relationship between a query in a nested section and a data control in an outer section.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
application
object linking and embedding (OLE)
join
Contrast with
hyperlink

list box   A user interface element that provides a set of choices.

listener   See event listener.

listing report

A report that provides a simple view of ungrouped data.

Related terms
data
e.report
frame
row

Live Report Extension (LRX)

See Actuate Live Report Extension (LRX).

locale
A location and the language, date format, currency, sorting sequence, time format and other such characteristics associated with that location. The location is not always identical to the country. For example, Canada has both French and English languages.
Contrast with
locale map

locale map
An XML file that specifies the date, time, currency, and number formats for supported locales. For example, some of the supported locales include Chinese, France, French, German, Germany, Hong Kong, Japan, Japanese, Korea, Korean, People's Republic of China (P.R.C.), Singapore, Spain, Spanish, and Taiwan.
Related terms
extensible markup language (XML)
locale

Long data type

An Actuate Basic data type that stores four-byte integers, ranging in value from -2,147,483,648 to 2,147,483, 647.
Related terms
Actuate Basic
data type
value
Contrast with
Integer data type

LRX
See Actuate Live Report Extension (LRX).

macro sheet

An Actuate e.Spreadsheet Designer worksheet that preserves Microsoft Excel macros.
Related term
Actuate e.Spreadsheet Designer

mailing label report

A report that formats name and address information to be printed on address stickers such as Avery labels.

Related term
report
Contrast with
columnar report
multicolumn report

matrix   See crosstab report.

member   **1** A method or variable defined in a class which provides or uses information
                    about the state of a single object.

                    2 A user who is assigned to a security role in a Report Encyclopedia volume.
                    Related terms
                    class
                    method
                    object
                    Report Encyclopedia volume
                    security role
                    variable
                    Contrast with
                    global variable
                    instance variable
                    static variable

message   A call to an object's method.
                    Related terms
                    method
                    object

Message Distribution service

A mechanism within Actuate e.Reporting Server that handles inbound
requests from applications and users and then directs the requests to the
appropriate service for processing.
Related terms
Actuate e.Reporting Server
Encyclopedia service
Factory service
Report Encyclopedia volume
request
service
View service

method   A function that provides functionality to an object or a class.
                    Related terms
                    class
                    data

function
object
Contrast with
overloaded method

Method Editor

A tool in Actuate e.Report Designer Professional used to write code for
Actuate Basic methods.

Select method from drop-down list

Type code

Choose New to add method or
Override to modify inherited code
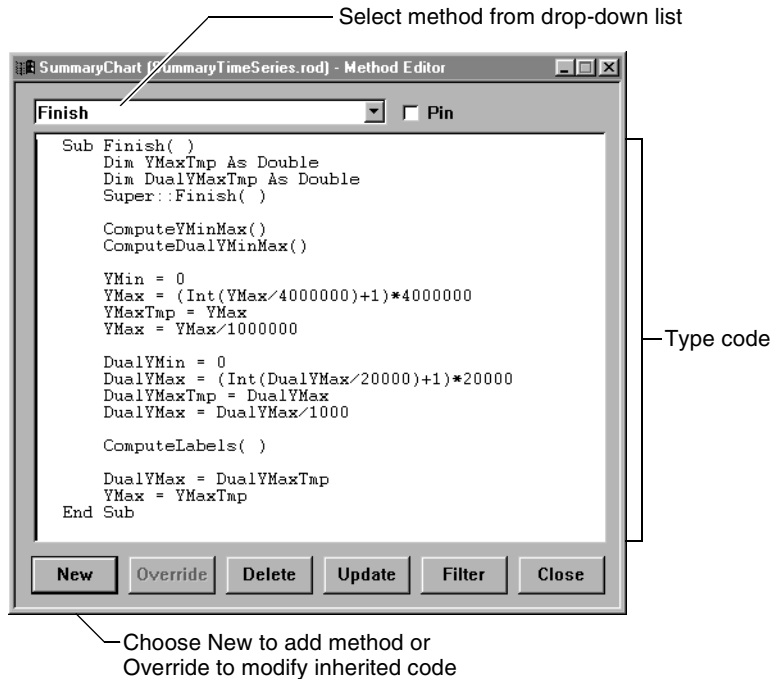
Related terms
Actuate Basic
Actuate e.Report Designer Professional

Methods page

A page in the Component Editor in Actuate e.Report Designer Professional
that displays all the methods for a component. From the Methods page, the
user can access the Method Editor to override methods or create new methods.

curSalesRepTotalSales - Component Editor

Properties | Methods | Variables | Class

Sub Abandon( )
Sub AddContent(content As AcReportComponent)
Sub AddMenuCommands(menu As AcPopupMenu)
Sub AddToPageList(pageList As AcPageList)
Sub ApplyVisitor(visitor As AcVisitor)
Sub AttachToPage(page As AcBaseFrame)
Function BalloonHelp( ) As String

New   Delete   Edit   Filter   Close
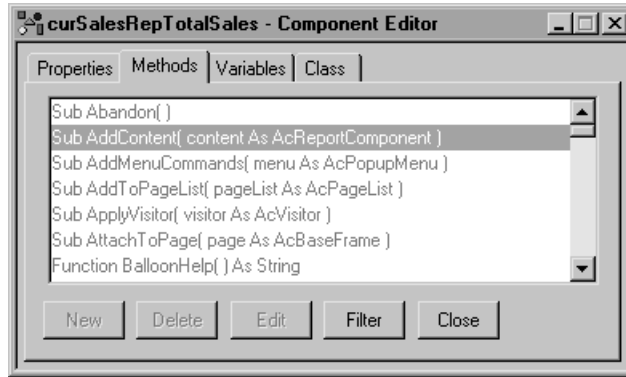
Related terms
Actuate e.Report Designer Professional
component
Component Editor
method
Method Editor
page

MIME   See multipurpose internet mail extensions (MIME).

modal window

A window that retains focus until explicitly closed by the user. Typically, dialog and message windows are modal. For example, an error message dialog remains on the screen until the user responds.
Contrast with
modeless window

mode   An operational state of a system. Mode implies that there are at least two possible states though there are typically many modes for both hardware and software.

modeless window

A window that solicits input, but permits users to continue using the current application without closing the modeless window. For example, the Component Editor in Actuate e.Report Designer Professional is a modeless window.
Contrast with
modal window

module   A file that contains class, type, or variable declarations for an application. A module is a unit of code that serves as a building block for a program.
Related terms
class
data type

declaration
semantic type
variable

multicolumn report

A report that displays or prints data in more than one vertical flow.
Related terms
data
e.report
flow
Contrast with
mailing label report

multiple inheritance

A relationship among classes written in C, C++, or C# in which a subclass inherits from more than one superclass. Each subclass can have any number of superclasses.
Related terms
class
inheritance
subclass
superclass

Contrast with
single inheritance

multidimensional analysis

In Actuate e.Analysis Option, a process that applies data filters simultaneously to multiple dimensions of a cube to examine relationships among those dimensions.
Related terms
Actuate e.Analysis Option
cube
data filter
dimension

multidimensional data

In Actuate e.Analysis Option, any set of records that you can break down or filter according to the contents of individual fields or dimensions such as product, location, or time. This data organization supports using Actuate e.Analysis Option to present and analyze complex relationships.
Related terms
Actuate e.Analysis Option
data
dimension

multipurpose internet mail extensions (MIME)

A mechanism for transmitting non-text files using internet e-mail. Internet e-mail was originally designed for ASCII text only. MIME encodes the files at the distributing end and decodes the files at the receiving end of the transmission.

multithreaded application

An application that handles multiple simultaneous users and sessions.
Related term
application

name space

See global name space.

Navigation bar

A tool that provides navigation, search, table of contents, download, and print. The Navigation Bar is also known as the NavBar.
Related terms
search
table of contents

Navigator

A tool that provides access to a Report Encyclopedia volume available as part of the Actuate e.Reporting Suite. Use the Navigator to access completed reports, request reports, and schedule jobs. Access to items in the Report

Encyclopedia volume depends upon user privileges. The Navigator is available in Actuate End User Desktop, Actuate e.Report Designer, and Actuate e.Report Designer Professional.
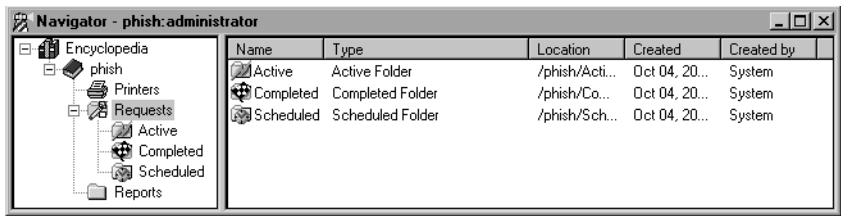
Related terms
Actuate End User Desktop
Actuate e.Report Designer
Actuate e.Report Designer Professional
e.report
report
job
Report Encyclopedia volume
Contrast with
Actuate Management Console (AMC)

nested function

An e.Spreadsheet function that is an argument for another e.Spreadsheet function.
Related terms
Actuate e.Spreadsheet Designer
argument
function

nested report

See subreport.

node   **1** A computer that is part of an e.Reporting Server cluster.

2 An individual part of an XML document, such as an element, comment, or text string. A node tree is a hierarchical representation of the entire XML document.
Related terms
Actuate e.Reporting Server
cluster
extensible markup language (XML)
Contrast with
domain name

notification **1** A message sent by e-mail or placed on the Channels page in Actuate Active Portal or Actuate Management Console. The message advises that a requested report has been run and is available for viewing.

2 A message from Actuate e.Reporting Server to the desktop regarding the completion of a job, failure of a job, or an error that has occurred.
Related terms
Actuate Active Portal
Actuate Management Console (AMC)
Actuate e.Reporting Server
job
message
request

notification group

A set of users who are informed of a completed job and available e.report. All users can use any notification group, but only the administrator can modify or create one.
Related terms
e.report
job
Contrast with
group

null A value that indicates a variable contains no data.
Related terms
data
value
variable

numeric expression

A numeric constant, a simple numeric variable, a scalar reference to a numeric array, a numeric-valued function reference, or a sequence of the above, separated by numeric operators and parentheses. For example, Val(Dates) + 1.
Related terms
array
constant
function
variable

object An instance of a particular class, including its characteristics, created during the process of running an e.report. An object has attributes, identity, and methods. For example, when a user runs a report, Actuate instantiates multiple persistent Customer Frame objects, one for each customer row retrieved from the database.
Related terms
class
e.report

instance
persistent object
transient object

object aging

See autoarchive.

object database management system (ODBMS)

A database management system built specifically to store and retrieve objects rather than simple rows.
Related terms
data type
database management system (DBMS)
object

object linking and embedding (OLE)

A Windows technology used to provide a document-centered rather than a program-centered environment. OLE provides a framework within which users can prepare and maintain compound documents. For example, you can embed an Excel spreadsheet in a Microsoft Word document. The Word document contains a link to the Excel spreadsheet.
Related term
link
Contrast with
OLE automation

object reference variable

A variable that contains a reference to an object. References can be passed to functions and subroutines as parameters.
Related terms
function
object
parameter
subroutine
variable

object-oriented programming

A technique for writing applications using classes, not algorithms, as the fundamental building blocks.
Related terms
application
class
Contrast with
object

octal number

A number in base 8. An octal number uses only the digits 0 through 7. Each place represents a power of 8. By comparison, base 10 numbers use the digits 0 through 9. Each place represents a power of 10.
Contrast with
hexadecimal number

ODBC   See open database connectivity (ODBC).

OLAP (Online Analytical Processing)

See Online Analytical Processing (OLAP).

OLE   See object linking and embedding (OLE).

OLE automation

A Windows technique that enables a client application to control an OLE server without direct input from the user. For use by the client, the OLE server must provide a defined interface to its functions.
Related terms
application
client/server
function
interface
object linking and embedding (OLE)

on demand request

See synchronous.

Online Analytical Processing (OLAP)

The process of collecting, managing, presenting, and analyzing multidimensional data.
Related terms
data
process

online help   1   Information displayed on the computer screen to help the user understand an application.

   2   In an Actuate e.report, an explanation associated with an object. The user views online help when viewing the e.report to find out more about a particular object in the e.report. For example, a calculated control might have associated online help that explains how the calculation was performed.
Related terms
application
calculated control

e.report
object
Contrast with
balloon help

open database connectivity (ODBC)

A standard protocol used by Actuate software products as one of the database
management system (DBMS) interfaces to connect reports to databases that
comply with this specification.
Related terms
database connection
database management system (DBMS)
interface
protocol
Contrast with
connection

open server driver

An interface between an Actuate e.Reporting Server and an external
application.
Related terms
application
Actuate e.Reporting Server
interface
Contrast with
driver

open server file types

A file type defined in a Report Encyclopedia volume. A file type definition
assigns information such as what open server driver should be used to open or
run the file. Actuate software defines the file types. The supported Actuate
executable open server file types are .jod, .rpt, .sqt, .vtf, and .vts.
Related terms
Actuate e.Reporting Server
Crystal report executable file type
file types
Report Encyclopedia volume
report object design (.jod) file Java Edition
e.Spreadsheet template (.vts) file
e.Spreadsheet template package (.vtf) file
SQRIBE report executable file type

open server technology

A technology that enablesActuate e.Reporting Server to manage and run non-Actuate reports such as Crystal and SQRIBE.
Related terms
Actuate e.Reporting Server
Crystal report executable file type
SQRIBE report executable file type

operator   A symbol or keyword that performs an operation on expressions. For more detailed information about the various types of operators available in Actuate e.Report Designer and Actuate e.Report Designer Professional, see *Actuate Basic Language Reference*.
Related terms
expression
keyword
operator

Order By page

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a page in the Query Editor that displays the sort key. You can use the Order By page instead of or in addition to group sections to specify how data is sorted.
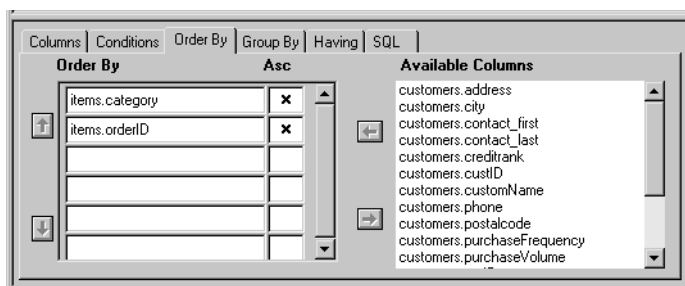
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
data
group section
page
Query Editor
sort key

outer join   A type of join that returns records from one table even if there are no matching values in the other table. The two kinds of outer join are the left outer join and the right outer join. The left outer join returns all records from the table on the left in the join operation even if there are no matching values in the other table. The right outer join returns all records from the table on the right in the join

operation. For example, if customers and orders tables are left outer joined on customer ID, the result set will contain all customer records including records for customers with no orders.
Related terms
join
table
value
Contrast with
inner join

outline   An Actuate e.Spreadsheet Designer panel that indicates which rows and columns contain details and which contain summary data.
Related terms
Actuate e.Spreadsheet Designer
column
data
row

output format

A format to which Actuate reports designed using Actuate e.Report Designer and Actuate e.Report Designer Professional can be exported. Output formats include BrioQuery, comma-delimited text, CorVu, Microsoft Excel, PDF, and XML.

Actuate e.Report Designer Java Edition supports export to comma-delimited, Excel, DHTML, HTML, and JOI formats. Actuate e.Report Designer Java Edition does not support export to BrioQuery, CorVu, or XML.

Actuate e.Spreadsheet Designer supports only Excel output.
Related terms
dynamic hypertext markup language (DHTML)
extensible markup language (XML)
format
hypertext markup language (HTML)

output object

A value returned by a request.
Related terms
request
value
Contrast with
input object

overloaded method

A method in a single class in which different sets of arguments can be specified.

Related terms
argument
class
method

override   To write new code that replaces the default code of an inherited method.
Related terms
inheritance
method

page   **1** In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that specifies the visual design or layout of a page in the report. A page can contain controls, graphic components, flows, and frames. The relevant Actuate Foundation Class is AcPage.

2 An area in a window that groups and displays related information. A window can contain several pages, each of which is accessed by a tab.
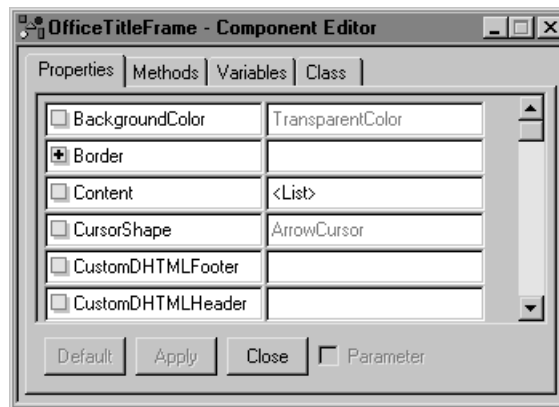
Tabs to access pages in Component Editor

3 A collection of HTML information that displays in a web browser.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
component
control
flow
frame
hypertext markup language (HTML)
layout
page

report
tab
web browser
Contrast with
JavaServer Page (JSP)
web page

page-level security

See Actuate Page Level Security Option.

Page List   **1**   In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that maintains a list of page layouts. The relevant Actuate Foundation Classes include AcCustomPageList, AcLeftRightPageList, AcSimplePageList, and AcTitleBodyPageList.

2   In the same products, a slot in the structure pane where a page list component can be placed.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
component
layout
page
slot
structure pane

page security

See Actuate Page Level Security Option.

palette   In Actuate e.Report Designer and Actuate e.Report Designer Professional, a graphical representation of a set of components that represent specific classes or other palettes. The component palettes group classes by functionality: Structure, Data, Controls, Graphics, and Page Layout. Users can add additional palettes and modify existing palettes.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Palette Representation (.apr) file

class
component
Design Editor
layout

palette file   See Actuate Palette Representation (.apr) file.

parallel section

In Actuate e.Report Designer Professional, a component that contains two or more subreports displayed or printed on the same page. For example, the left side of the page contains a report that displays or prints employee addresses, and the right side of the page contains a report that displays or prints employee salary histories. The relevant Actuate Foundation Class is AcParallelSection.
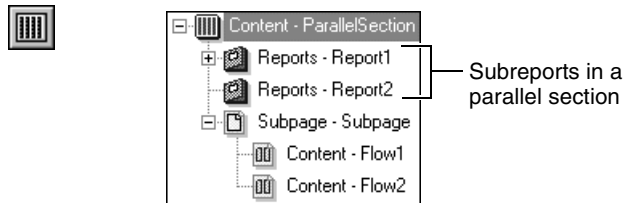
Subreports in a parallel section

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
component
page
report
subreport
Contrast with
conditional section
group section
report section
section
sequential section

parameter   **1** The data passed between functions, programs, or subroutines.

2 In an Actuate e.Report Designer or an Actuate e.Report Designer Professional e.report or an Actuate e.Spreadsheet Designer report, a variable available for user interaction that contains a value. Parameters provide an opportunity for the user to type a value as input to the execution of the report. Parameters provide control over report data selection, processing, and formatting.

| Parameters | Save As | Simple Request | Background Job |

Customer Parameters

customers_creditrank:		(Adhoc, String)
customers_customName:		(Adhoc, String)
customers_purchaseFrequency:		(Adhoc, String)
customers_purchaseVolume:		(Adhoc, String)

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer
ad hoc parameter
e.report
function
input object
subroutine
value
variable

parent class

See superclass.

partition　　A virtual disk location that can be set aside for paths to storage and other common locations in a Report Encyclopedia volume that all servers in a cluster can access.
Related terms
cluster
Report Encyclopedia volume
report server

password　　An optional code that restricts user name access to the Report Encyclopedia volume. Passwords can be up to 256 characters in length and can contain any characters except control characters or spaces. Passwords are case-sensitive. Passwords can use a mixture of case, alphabetical, and numerical characters to increase security.
Related terms
case sensitivity
Report Encyclopedia volume
user name

paste　　A technique that copies material temporarily located on the clipboard into a document.
Related term
clipboard

pattern matching

See search expression.

pending job
An job that is waiting for resources to become available so that the job can run.
Related term
job
Contrast with
running job
scheduled job

persistent object

An object created by a client or server process and permanently stored in a file. Most objects created by running a report object design (.rod) file, including data controls, graphical elements, pages, and sections, are persistent. A report object instance (.roi) file contains only persistent objects.
Related terms
client/server
data control
object
page
process
report object design (.rod) file
report object instance (.roi) file
section
Contrast with
transient object

Persistent Object Storage Manager (POSM)

A mechanism used for reading and writing a stored object that exists until the report file is deleted.
Related terms
object
report object instance (.roi) file

persistent report

A report document stored in the Report Encyclopedia volume.
Related terms
report
Report Encyclopedia volume

personal channel

An Actuate Active Portal JavaServer channel page or a ReportCast channel page that displays the user's completion notices.
Related terms
Actuate Active Portal
Actuate ReportCast technology

channel page
JavaServer Page (JSP)
job

plug-in A software program that extends the capabilities of an internet browser. For example, a plug-in gives you the ability to play audio samples or video movies.
Related terms
browser
Live Report Extension (LRX)

polymorphism

The ability to provide different implementations with a common interface, simplifying the communication among objects. For example, defining a unique print method for each kind of document in a system supports printing of any document by sending the message print, without concern for how that method was actually carried out for a given document.
Related terms
interface
object

pop-up menu

See context menu.

portal Web sites that serve as a starting point to accessing information and applications on the internet or an intranet. The basic function of a portal is to aggregate information from different sources.
Related term
portlet

portlet A portlet provides a view of specific information available from a portal.
Related term
portal

preference An option that specifies an action. For example, a user preference can specify e-mail notification and priority level for requests.
Related terms
notification
request

printer attributes

A list of properties that describes the fixed characteristics of a printer. These properties can limit report design features. For example, a black and white printer cannot render an image in color.
Related terms
design
report
property

Contrast with
printer options

printer options

A list of properties that describe printer characteristics that can be controlled or modified by the report design. For example, the report design can specify the page size. In this case, the report design options are limited by the available page size which is a printer attribute.
Related terms
design
property
report
Contrast with
printer attributes

privilege

A level of control over an item in the Report Encyclopedia volume. Privileges are granted to users either directly or through security roles. The privileges include the ability to delete, execute, grant, read, secure read, visible, and write an object. The user who develops an item and places it in the Report Encyclopedia volume and the volume administrator both have all privileges for that item.
Related terms
delete privilege
execute privilege
grant privilege
read privilege
Report Encyclopedia volume
security role
secure read privilege
visible privilege
write privilege

procedure

A set of commands, statements, and input data that initiate the performance of a specific set of operations.
Related terms
command
data
statement

process

A computer program that has no user interface. For example, the Actuate Factory process is a process that runs an Actuate Basic report.
Related terms
Factory
report
Contrast with
Factory service

Process Manager

A tool that starts and stops the processes running on a particular server.
Related term
process
Process Manager
server processes
Contrast with
Encyclopedia process
Encyclopedia service
Factory process
View process
View service

progressive viewing

A mechanism that displays the first page of a synchronous report in a web browser as soon as it generates. This option is available for reports running in synchronous mode only.
Related terms
e.report
synchronous
web browser

Project Browser

In Actuate e.Report Designer Professional, a tool that lists the components included in a report design. The list is organized by file.
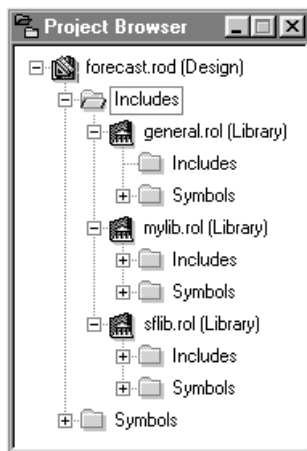
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional

browser
report object design

Properties page

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a page in the Component Editor that lists the properties of a component, such as font size. Use the Properties page to specify values for properties.
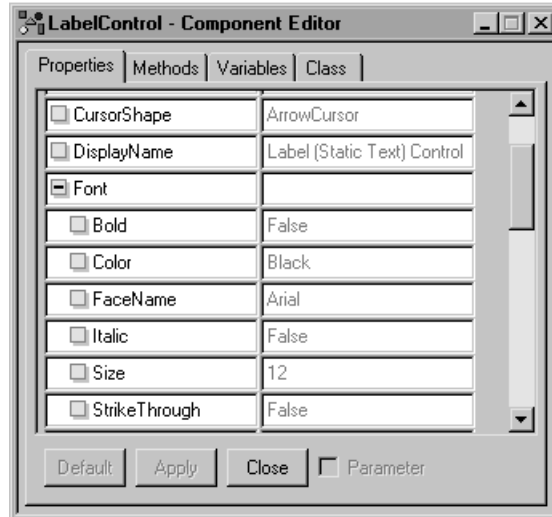
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
Component Editor
page
property
Contrast with
Class page
Methods page
Variables page

property
A characteristic of an object for which the user can specify a value. In Actuate e.Report Designer and Actuate e.Report Designer Professional, use the Properties page in the Component Editor or use code to specify values for properties. A property controls the appearance and behavior of an object, such as the font size for a label control or the user name and password for a database connection.
Related terms
Component Editor
component reference property

object
Properties page
value
Contrast with
method

property list

See Properties page.

protocol   A communication standard. For example, IP is syntax and order in which
messages are received and sent.

publish   In Actuate e.Report Designer Professional, a command to place a component
in a library for reuse. When the component is reused, publish makes the
component in the design a reference to the component in the library.
Related terms
command
component
design
library

publish and subscribe

A method of communication between applications by which one application
subscribes to another. The second application publishes to the subscribing
application. The publish operation occurs without a request from the
subscribing application.
Related terms
application
publish
subscribe
Contrast with
publish

push   A distribution mechanism that delivers information on preselected topics or
categories to a web browser. Notifications about newly generated reports are
automatically pushed to specific channels using Actuate's Active Portal and
ReportCast technologies.
Related terms
Actuate Active Portal
Actuate ReportCast technology
channel
report
web browser

query   A SQL SELECT statement that specifies which rows to retrieve from a
database.

Related terms
row
SQL SELECT statement

Query by Example (QBE)

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a syntax for writing expressions that specify data to retrieve from a database. For example, a QBE expression can specify ad hoc parameters at report request time. Actuate modifies a query by writing SQL code based on the QBE expression.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
data
expression
report
request
SQL SELECT statement
syntax

query data stream

A data stream that obtains data from a relational database using a SQL query.
Related terms
data
data stream
query

Query Editor

A tool in Actuate e.Report Designer and Actuate e.Report Designer Professional used to write a SQL SELECT statement. Use the upper pane to select tables and specify the joins between those tables.
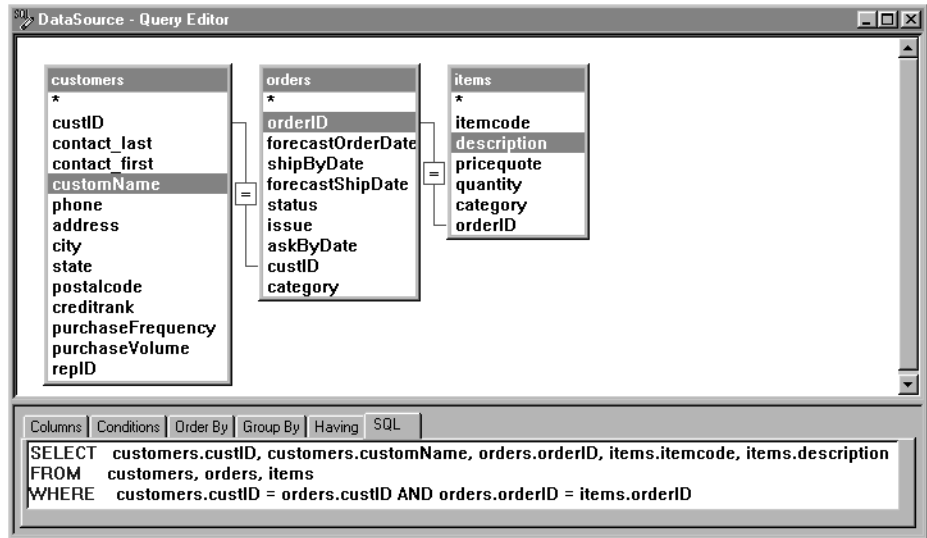
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
e.report
join
page
SQL SELECT statement
table
Contrast with
Textual Query Editor (TQE)

query parameter

See parameter.

query synchronization

In Actuate e.Report Designer and Actuate e.Report Designer Professional, the process of updating the query so that it is consistent with the database schema.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
query
report object design

range　　**1** In Actuate e.Report Designer, Actuate e.Report Designer Professional, and Actuate e.Spreadsheet Designer the distance between the start and end value of the x-axis in a time series chart or graph. The range is specified by the Range and RangeUnit properties.

2 Two or more cells. Ranges use a string of characters to identify the location referenced. For example, A1:C3.

3 In an Actuate e.Spreadsheet Designer worksheet, if the starting and ending worksheets are different, the range is three-dimensional.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate e.Spreadsheet Designer
cell
chart
graph
property
three-dimensional range
time series chart
value
Contrast with
tick interval

read privilege

A privilege that provides the option to open, work with, and print an item in the Report Encyclopedia volume. Other privileges include delete, execute, grant, secure read, visible, and write.
Related terms
delete privilege
execute privilege
grant privilege
privilege
Report Encyclopedia volume
secure read privilege
visible privilege
write privilege

rectangle control

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component used to add box shapes to a report design. The relevant Actuate Foundation Class is AcRectangleControl.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
component
report object design

recursion   A process in which a function or subroutine directly or indirectly calls itself to accomplish some task. The recursive function or subroutine continues until it is interrupted or until a specified condition is met.
Related terms
function
process
subroutine

reference   In an Actuate Basic report, a pointer to the existing class in a report object design or a component library. A class which is a reference cannot be modified.
Related terms
Actuate Basic
class
component
library
report object design
Contrast with
subclass

relative cell reference

A cell reference that points to a cell position relative to the current cell in an Actuate e.Spreadsheet Designer worksheet.
Related terms
Actuate e.Spreadsheet Designer
cell
cell reference
Contrast with
absolute cell reference
external cell reference

report   A category of documents presenting highly formatted and structured content from one or more data sources such as spreadsheets, text files, and databases.
Related terms
data source
structured content
Contrast with
DHTML report
e.report
e.spreadsheet report
XML report

report, nested

See subreport.

report bursting

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a report design technique used to break a large report into several small reports. Using this technique, the single report object executable (.rox) file generates multiple report object instance (.roi) files.

Related terms
report
report object design
report object executable (.rox) file
report object instance (.roi) file
Contrast with
Report Object
reportlet

report generation process

See Factory process.

Report Encyclopedia volume

A repository in which a single Actuate e.Reporting System manages information related to the reporting environment. The Report Encyclopedia volume contains administrative information, requests and scheduling information, and report items. The administrative information includes users, security roles, and privileges. The report items include designs, executable files, instances, parameters, files, and libraries. Failover provides for sharing Report Encyclopedia volume functionality.

Related terms
Actuate e.Reporting Server
design
failover
instance
library
parameter
privilege
Report Encyclopedia volume
security role

Report Object

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that contains all other components in an e.report. The report object is the root of the report structure. The relevant Actuate Foundation Class is AcReport.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional

Actuate Foundation Class (AFC)
component
e.report
object

report object design

In Actuate e.Report Designer, Actuate e.Report Designer Java Edition, and
Actuate e.Report Designer Professional, a specification that describes how to
produce a report object instance.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
design
instance
report object design (.rod) file
report object design (.jod) file Java Edition

report object design (.rod) file

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a
file that contains a report design. A design file is created when the user saves a
report design.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Basic source (.bas) file
design
Contrast with
Actuate Palette Representation (.apr) file
e.Spreadsheet template (.vts) file
e.Spreadsheet template package (.vtf) file
report object executable (.rox) file
report object instance (.roi) file
report object library (.rol) file
report object value (.rov) file
report object web (.row) file
search definition (.ros) file

report object design (.jod) file Java Edition

A file that contains a report design for Actuate e.Report Designer Java Edition.
Saving a report design creates a design file.
Related terms
Actuate e.Report Designer Java Edition
report object design

report object executable

In Actuate e.Report Designer and Actuate e.Report Designer Professional, the instructions for generating and viewing a report object.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Report Object
report object executable (.rox) file

report object executable (.rox) file

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a file that contains the instructions for generating and viewing a report object. An executable file is the compiled executable form of an e.report created when the user compiles the Actuate Basic code (.bas file) for the report.

Related terms
Actuate Basic
Actuate e.Report Designer
Actuate e.Report Designer Professional
Basic source (.bas) file
e.report

Contrast with
Actuate Palette Representation (.apr) file
e.Spreadsheet template (.vts) file
e.Spreadsheet template package (.vtf) file
report object design (.rod) file
report object instance (.roi) file
report object library (.rol) file
report object value (.rov) file
report object web (.row) file
search definition (.ros) file

report object instance

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a set of persistent objects that represents a particular report.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
persistent object
report

Contrast with
report object instance (.roi) file

report object instance (.roi) file

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a file that contains the viewable e. report.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
e.report
Contrast with
Actuate Palette Representation (.apr) file
Basic source (.bas) file
e.Spreadsheet template (.vts) file
e.Spreadsheet template package (.vtf) file
Report Object
report object design (.rod) file
report object executable (.rox) file
report object library (.rol) file
report object value (.rov) file
report object web (.row) file
search definition (.ros) file

report object library

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a collection of published components that can be used in a report object design (.rod) file.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
publish
report object design (.rod) file
report object library (.rol) file

report object library (.rol) file

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a file that contains published components that can be used in a report object design (.rod) file. Use the New dialog box in Actuate e.Report Designer Professional to create a library file.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
report object library

Contrast with
Actuate Palette Representation (.apr) file
Basic source (.bas) file
e.Spreadsheet template (.vts) file
e.Spreadsheet template package (.vtf) file
report object design (.rod) file
report object executable (.rox) file
report object instance (.roi) file
report object value (.rov) file
report object web (.row) file
search definition (.ros) file

report object parameter (.rop) file

A file that contains a list of report parameters used by an open server report.
Related terms
open server technology
parameter
report

report object value (.rov) file

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a file that contains parameter values that the Factory uses to generate the e.report. A parameter values file is automatically created when a user runs the report. The Actuate Requester API can also be used to create a parameter values file.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Requester API
e.report
Factory
parameter
Contrast with
Actuate Palette Representation (.apr) file
Basic source (.bas) file
e.Spreadsheet template (.vts) file
e.Spreadsheet template package (.vtf) file
report object design (.rod) file
report object executable (.rox) file
report object instance (.roi) file
report object library (.rol) file
report object web (.row) file
search definition (.ros) file

report object web (.row) file

A structured storage file that contains bitmaps, graphics, HTML information, and other information needed for a report. Report object web files are created by the Actuate e.Reporting Server and can be used only from the Report Encyclopedia volume using Actuate Active Portal or ReportCast technologies.

Related terms
Actuate Active Portal
Actuate e.Reporting Server
Actuate ReportCast technology
e.report
hypertext markup language (HTML)
report
Report Encyclopedia volume
Contrast with
Basic source (.bas) file
Actuate Palette Representation (.apr) file
e.Spreadsheet template (.vts) file
e.Spreadsheet template package (.vtf) file
report object design (.jod) file Java Edition
report object design (.rod) file
report object executable (.rox) file
report object instance (.roi) file
report object library (.rol) file
report object value (.rov) file
search definition (.ros) file

report output

See output format.

report section

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a section that contains components that retrieve, organize, and display information. The relevant Actuate Foundation Class is AcReportSection.
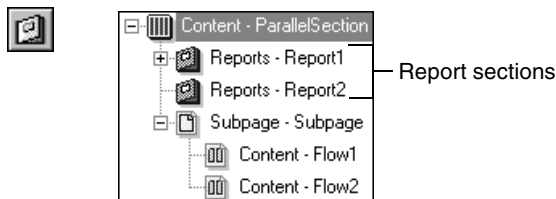
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional

Actuate Foundation Class (AFC)
component
section
Contrast with
conditional section
group section
parallel section
sequential section

report server

See Actuate e.Reporting Server.

report server API

See Actuate e.Reporting Server Integration Technology and Actuate Software Development Kit (SDK).

Report Server Security Extension (RSSE)

See Actuate Report Server Security Extension API.

report template

A report design developed using the Actuate e.Report Designer Java Edition. Report templates can be easily modified and reused.
Related terms
Actuate e.Report Designer Java Edition
design
Contrast with
report object design
ReportCast template file

ReportCast   See Actuate ReportCast or Actuate ReportCast technology.

ReportCast Agent

See Actuate ReportCast Agent.

ReportCast directive

A request that triggers the use of a particular template. Directives include requests to run an e.report, view a report, or subscribe to a channel. For example:

    http://<webserver>/acweb/<reportserver>/<folder>/?sort=name

displays the contents of the specified folder sorted by owner name.
Related terms
Actuate ReportCast technology
channel
directive

e.report
request
template
Unicode
Contrast with
Actuate Active Portal
web directive

ReportCast Security Extension

See Actuate ReportCast Security Extension.

ReportCast Server

See Actuate ReportCast Server.

ReportCast template file

A file used by Actuate ReportCast to control the appearance of generated web pages. A set of default template files installs with Actuate ReportCast. Users can also create their own templates. Actuate ReportCast locates HTML template files by looking up the values of predefined variables in the operating system environment. Actuate template files have the extension ACHTML.
Related terms
Actuate ReportCast
hypertext markup language (HTML)
template

reporting system

See Actuate e.Reporting System

reportlet

A portion of an e.report that can be embedded in a web page.
Related terms
e.report
web page

ReportQuery

See search definition (.ros) file and search extension.

ReportQuery extension

See search extension.

request

A synchronous or asynchronous instruction to an Actuate e.Reporting Server to perform an action. A request requires sending an HTTP URL from the web browser. These requests typically have a format such as:

http://<webserver>/acweb/path/command?parameters

A request for all reports for the root folder of a particular volume is:

    http://<webserver>/acweb/filesfolders/index.jsp?folder=/&volume=myVol
Related terms
Actuate e.Reporting Server
asynchronous
hypertext transfer protocol (HTTP)
job
report
synchronous
url request
web browser

request retry

A report server option that automatically resubmits a failed request.
Related term
request

Requester A mechanism in the desktop products used to provide or modify input parameters. The Factory uses those parameters while generating e.reports. If the client is connected to a report server, additional functions are available. The Requester is then a tabbed dialog that includes parameters, values, schedule, distribution, notification, and print tabs.
Related terms
e.report
Factory
notification
parameter
value

Requester API

See Actuate Requester API.

reserved word

See keyword.

result set Data returned by a SQL query. A stored procedure can return one or more result sets. The automated features for stored procedures use the first returned result set.
Related terms
data
stored procedure

retry policy In Actuate Management Console, settings that specify how many times to resubmit a failed job.

Related terms
Actuate Management Console (AMC)
job

role   See security role.

row   A record in a table.
                  Related term
                  table

ruler   In Actuate e.Report Designer Java Edition, markings in inches or centimeters
                  that support checking size and placement of controls in a report design. The
                  ruler shows the position of margins to ensure controls fit within the report
                  page.
                  Related terms
                  Actuate e.Report Designer Java Edition
                  control

run   **1** To execute a program, utility, or other machine function.

                  2 In Actuate e.Report Designer, Actuate e.Report Designer Java Edition, and
                      Actuate e.Report Designer Professionalto request current data in a new
                      instance of an e.report. For example, a report executable (.rox) is run to
                      generate a new report.
                  Related terms
                  Actuate e.Report Designer
                  Actuate e.Report Designer Java Edition
                  Actuate e.Report Designer Professional
                  data
                  e.report
                  report object executable (.rox) file
                  Contrast with
                  report object instance (.roi) file

running job

                  A job currently being executed.
                  Related term
                  job
                  Contrast with
                  pending job
                  scheduled job

SAX   See Simple API for XML (SAX).

scheduled job

                  A job designated for execution at a specified time. Scheduled jobs are items in
                  the jobs folder.

Related terms
job
jobs folder
server application
Contrast with
pending job
request
running job

scope
The parts of a program in which a symbol or object exists or is visible. The scope of a program element is determined by where the element is declared. The global scope in an Actuate Basic program holds all global variable, function, and class names. Scopes can be nested. For example, a function introduces a new scope for its parameters and local variables. As another example, a class introduces a scope for its member variables, member functions, and nested classes. Code in a method in one scope has visibility to other symbols in that same scope, and, with certain exceptions, to symbols in outer scopes.
Related terms
Actuate Basic
class
function
object
variable
Contrast with
scope resolution operator

scope resolution operator

This operator, ::, refers to symbols in a different scope. A leading :: refers to the global scope. For example, CustomerFrame::CustId refers to the control CustId within the scope of the frame, Customer Frame. This control is different from TotalsFrame::CustId which is scoped to Totals Frame.
Related terms
operator
scope

Scratch Pad

A tool in Actuate e.Report Designer and Actuate e.Report Designer Professional that stores components temporarily. The Scratch Pad is useful for restructuring a report design.
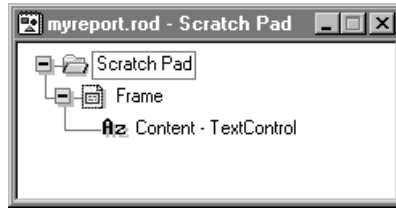
Related terms
Actuate e.Report Designer Professional
component
report object design

scripting language

See Actuate scripting language.

SDK (Software Development Kit)

See Actuate Software Development Kit (SDK), Actuate Basic Client Integration
Technology, and Actuate e.Reporting Server Integration Technology.

search A mechanism that uses a set of conditions, search criteria, to find data in an
e.report.
Related terms
data
e.report
Contrast with
search criteria

search criteria

A set of conditions to be applied to a search. For example, Order Total >
1,000,000.
Related terms
search
search expression

search definition (.ros) file

A file that contains search criteria, data fields to display, extraction options,
and report document structure information.
Related terms
data
report
search criteria
Contrast with
Actuate Palette Representation (.apr) file
Basic source (.bas) file
e.Spreadsheet template (.vts) file
e.Spreadsheet template package (.vtf) file

report object design (.rod) file
report object design (.jod) file Java Edition
report object executable (.rox) file
report object instance (.roi) file
report object library (.rol) file
report object parameter (.rop) file
report object value (.rov) file
report object web (.row) file
search criteria

search directive

See ReportCast directive.

search expression

The use of special characters to match patterns in the value fields in the search frame. The special characters used in search expressions are the backslash (\), the question mark (?), the pound sign (#), the asterisk (*), and the brackets ([ ]). Some nonprinting ASCII codes are represented by character pairs that begin with the backslash (\a, \b, \t, \n, \f, and \r). The special characters and examples of their use include the following.

Special characters	Definition
\	Escape next character (one- or two-byte character)
?	Match any one character (one- or two-byte character)
#	Match any ASCII numeric character [0-9]
*	Match zero or any number of character(s)
\a	Match one alarm (0x07)
\b	Match one backspace (0x08)
\t	Match one tab (0x09)
\n	Match one new line (0x0a)
\f	Match one form feed (0x0c)
\r	Match one carriage return (0x0d)
\\	Match one backslash (\)
[ ]	Match zero characters (ignored)
[characterlist]	Match any one character inside the brackets
[a-z0-9]	Match any lowercase or ASCII numeric character
[a-z-]	Match any lowercase character or hyphen (-)
[^a-z0-9]	Match any character other than lowercase or ASCII numeric

Special characters	Definition
[^] or "\^"	Match one caret (^)
[?] or "\?"	Match one question mark (?)
[#] or "\#"	Match one pound sign (#)
[*] or "*"	Match one asterisk (*)
[[] or "\["	Match one open bracket ([)
[]] or "\]"	Match one closed bracket (])
["\["-"\]"]	Match any ASCII character code between [and]
["\1"-"\377"]	Match any octal character excluding NUL (0x00)
["\x100"-"\xffff"]	Match any hexadecimal character

Related terms
search
wildcard

search extension

A dynamic link library that provides an interface between Actuate client applications and third party applications such as Microsoft Excel that supports exporting data into third party formats.
Related terms
dynamic link library (DLL)
interface

search extension API

See Actuate Search Extension API.

search indexing

A technique used to identify frequently searched fields to support faster searching.
Related term
search

section   **1**   A component that determines the logical structure of information in an e.report. Sections process data rows to determine which visual components should generate output. Actuate e.Report Designer Professional provides five types of sections: conditional, group, parallel, report, and sequential sections.

          2   A logical unit in a report created using e.Report Designer Java Edition. These reports can contain several sections. Each section has an associated

query associated. Each query is independently executed to extract data from the data source.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Java Edition
Actuate e.Report Designer Professional
component
conditional section
data source
e.report
group section
parallel section
query
report section
sequential section

secure read privilege

A privilege that provides the ability to open, work with, print, but not download an item in the Report Encyclopedia volume from the Actuate e.Reporting Server. The Actuate e.Reporting Server working with Actuate Page Level Security Option secure read privilege enables page security on a report object instance file. Other privileges include delete, execute, grant, read, visible, and write.

Related terms
Actuate e.Reporting Server
Actuate Page Level Security Option
delete privilege
execute privilege
grant privilege
privilege
Report Encyclopedia volume
report object instance (.roi) file
read privilege
visible privilege
write privilege

security ID

An identifier such as a user name, an assigned name, or a security role that is specified in an Actuate Basic report by the report designer to restrict or support access to report components using an access control list (ACL).

Related terms
Actuate Basic
access control list (ACL)
report
security role
user name

security role

A name for a set of privilege levels. An administrator who assigns security roles to users defines privileges.
Related terms
administrator
privilege

select   **1**   To choose one or more items. A user-driven operation then affects the selected items.
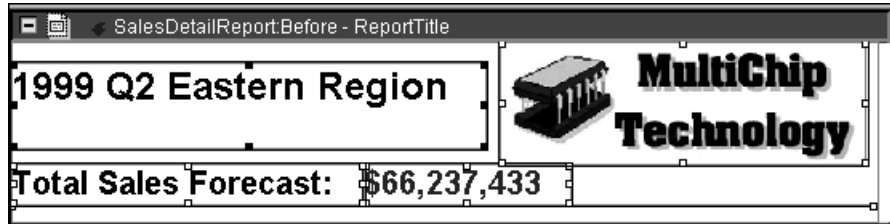
     2   To choose an option button, check box, or list item in a dialog box.

SELECT   See SQL SELECT statement.

semantic type

Information that can be used to determine what data type an element is. For example, a semantic type is AC_SEMANTIC_TYPE_OBJECT_ID. A comparable data type is AcProperty::STRING.
Related term
data type

sequential section

In Actuate e.Report Designer Professional, a section that contains several frames, subreports, or other sections that display or print in a specified order.
Related terms
Actuate e.Report Designer Professional
frame
section
subreport
Contrast with
conditional section
group section
parallel section
report section

server application

> An application that furnishes data in response to a request from a client application. A server is often located on a computer other than the client.
> **Related terms**
> application
> client/server
> request
> **Contrast with**
> Actuate e.Reporting Server

server processes

> A set of cooperating processes that constitute an Actuate e.Reporting Server. The server processes are Encyclopedia, Factory, Process Manager, and View.
> **Related terms**
> Actuate e.Reporting Server
> Encyclopedia process
> Factory process
> Process Manager
> View process
> **Contrast with**
> service

service

> A related set of server functionality that can be enabled or disabled. For example the View service displays report document information in DHTML, XML, PDF, and other formats. The available services are Encyclopedia, Factory, Message Distribution, and View.
> **Related terms**
> Encyclopedia service
> Factory service
> Message Distribution service
> View service
> **Contrast with**
> Actuate e.Reporting Server

servlet

> A small Java application running on a web server to extend the server's functionality. The servlet usually displays a dynamically generated page in a browser and interacts with the user.
> **Related terms**
> application
> browser
> Java
> page
> web server

SGML (standard generalized markup language)

See standard generalized markup language (SGML).

Simple API for XML (SAX)

An application programming interface for accessing the contents of an XML document. SAX does not provide random access lookup to the document contents. It scans the document sequentially and presents each item to the application only once. If the application does not save the data, that data is no longer available.

Related terms
application
Application Programming Interface (API)
extensible markup language (XML)
Contrast with
document object model (DOM)

simple object access protocol (SOAP)

A message-based protocol based on extensible markup language. Use the SOAP protocol to access applications and their services on the web. SOAP employs XML syntax to send text commands across the internet using HTTP. SOAP can also be used to implement a messaging system.

Related terms
application
command
extensible markup language (XML)
hypertext transfer protocol (HTTP)
message
protocol

Single data type

In Actuate e.Report Designer and Actuate e.Report Designer Professional, an Actuate Basic data type that stores single-precision floating-point numbers, ranging in value from -1.797693134862315E308 to -2.23E-308 for negative values and from 2.23E-308 to 1.797693134862315E308 for positive values.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Basic
data type

single inheritance

A relationship between classes in which a subclass inherits from only one superclass. The Java programming language supports single inheritance.

Related terms
class
inheritance
Java
subclass
superclass
Contrast with
multiple inheritance

slot   In Actuate e.Report Designer and Actuate e.Report Designer Professional, a visual target in the structure pane of the Design Editor that represents a component reference property. A slot indicates where a report designer can place a component.
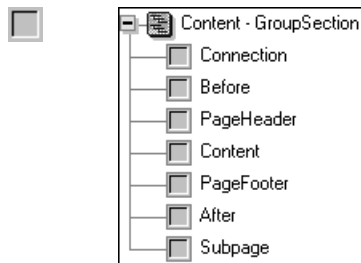
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
component reference property
Design Editor
property
Contrast with
Component Editor

SmartSearch

See search.

SOAP   See simple object access protocol (SOAP).

sort   To specify the order of data. For example, customer names can be sorted in alphabetical order.
Related term
data

sort filter   A type of data filter that sorts data rows for another data adapter.
Related terms
data adapter
filter
data row

sort key A list of one or more column names. The order of the column names in the sort key specifies the sort order of data rows. For example, a sort by State and Date is different from a sort by Date and State.

Related terms
column
sort

SQL page A page in the Query Editor in Actuate e.Report Designer and Actuate e.Report Designer Professional that displays the SQL SELECT statement.

```
Columns | Conditions | Order By | Group By | Having | SQL |
SELECT   items.itemcode, items.description, items.pricequote, items.quantity,
items.category, items.orderID, orders.orderID, orders.forecastOrderDate,
orders.shipByDate, orders.forecastShipDate, orders.status, orders.issue,
orders.askByDate, orders.custID, orders.category, customers.custID,
customers.contact_last, customers.contact_first, customers.customName,
customers.phone, customers.address, customers.city, customers.state,
customers.postalcode, customers.creditrank, customers.purchaseFrequency,
customers.purchaseVolume, customers.repID
FROM    customers, orders, items
WHERE    orders.custID = customers.custID AND orders.orderID = items.orderID
AND customers.creditrank LIKE 'C%'
```

Related terms
page
Query Editor
SQL SELECT statement

SQL SELECT statement

One statement in SQL (Structured Query Language), a language commonly used for database applications. A SQL SELECT statement provides instructions about which data to query for a report.

Related terms
report
query

Contrast with
Query Editor

SQRIBE report executable file type

.sqt is the SQRIBE report executable file type in the Report Encyclopedia volume.

Related terms
file types
Report Encyclopedia volume

Contrast with
Crystal report executable file type
open server file types
report object executable (.rox) file

standard generalized markup language (SGML)

A generic markup language that represents the structure of documents. SGML is an international standard that describes the relationship between document content and structure.

Related term
structured content
Contrast with
extensible markup language (XML)

statement   **1** A syntactically complete unit in a programming language that expresses one action, declaration, or definition. Normally, there is only one statement on each line. To continue a statement on another line, Actuate Basic uses a plus sign (+) as the first character of the next line.

2 An object that provides a way to execute SQL statements. The relevant Actuate Foundation Class is AcDBStatement.

Related terms
Actuate Basic
Actuate Foundation Class (AFC)
declaration
object

static control

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that does not display data from the database. For example, labels, lines, and images are static controls. The relevant Actuate Foundation Classes are AcEllipseControl, AcLabelControl, AcImageControl, AcLineControl, and AcRectangleControl.

Related terms
Actuate Foundation Class (AFC)
component
data
Contrast with
data control

static hyperlink

A link to an existing location in a file or web document.
Related term
hyperlink
link
Contrast with
dynamic hyperlink

static variable

1 A variable that contains a single value for all objects instantiated from a particular class. In Java, static variables are known as class variables.

2 A variable that retains its value as long as the program is running.
Related terms
class
value
variable
Contrast with
instance variable
global variable
member
object

stored procedure

A named set of one or more SQL queries that is stored in a database and can be called from an application.
Related terms
application
query
SQL SELECT statement

Stored Procedure Browser

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a window that lists the names of available stored procedures. The Stored Procedure Browser is accessed from the Stored Procedure Data Source Builder.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
browser
stored procedure
Stored Procedure Data Source Builder

Stored Procedure Data Source Builder

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a tool that builds a data source using a stored procedure from a database.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
data source
stored procedure
Stored Procedure Browser

String data type

In Actuate e.Report Designer and Actuate e.Report Designer Professional, an Actuate Basic data type comprising a sequence of contiguous characters including letters, numerals, spaces, and punctuation marks. Variable-length strings can contain up to approximately 2,147,283,647 characters or up to your computer's memory limit.

Related terms
Actuate Basic
Actuate e.Report Designer
Actuate e.Report Designer Professional
data type
Contrast with
string expression

string expression

In Actuate e.Report Designer and Actuate e.Report Designer Professional, an Actuate Basic expression that evaluates to a series of contiguous characters. Elements of the expression can include a function that returns a string, a string constant, a string literal, a string operator, or a string variable.

Related terms
Actuate Basic
Actuate e.Report Designer
Actuate e.Report Designer Professional
expression
function
variable
Contrast with
String data type

structural component

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that appears in the structure pane of the Design Editor but does not appear in the layout pane or in the final e.report. Structural components control how the report is organized. An example of a structural component is the sequential section.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
Design Editor
e.report
layout pane
sequential section
structure pane

Contrast with
visual component

structural relationship

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a relationship in which one component references another component. The structure pane of the Design Editor displays structural relationships. For example, a frame references the controls contained within it.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
Design Editor
structure pane

structure pane

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a portion of the Design Editor window that displays an outline of the e.report components showing their relationships to one another. The other portion of the Design Editor window is the layout pane.
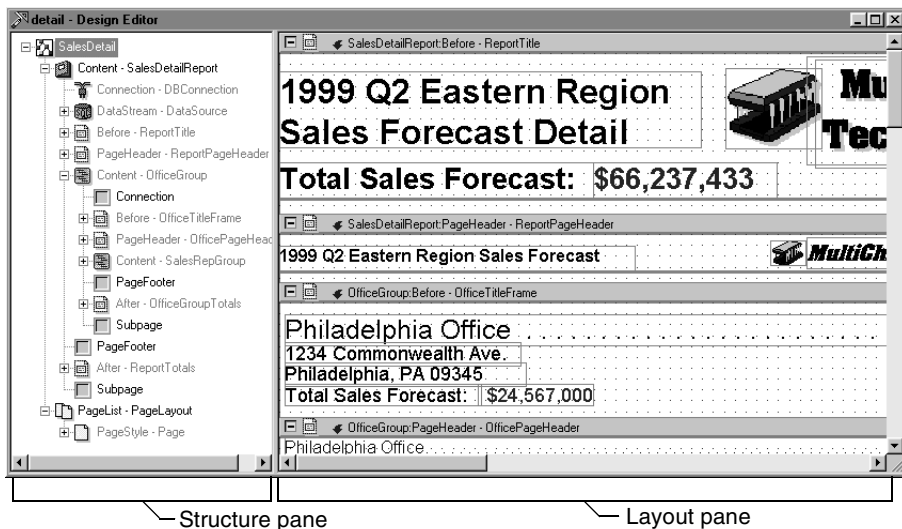
Structure pane   Layout pane

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
component
Design Editor
e.report

Contrast with
layout pane

structured content

A formatted document that displays information from one or more data sources.
Contrast with
e.report
report

stylesheet See extensible stylesheet language transformations stylesheet (XSLT stylesheet).

subclass In Actuate e.Report Designer and Actuate e.Report Designer Professional, a class that is derived from another class. When you change the original class, the unmodified properties of the subclass also change. A change to the subclass does not affect the original class. The subclass is the immediate descendant class.
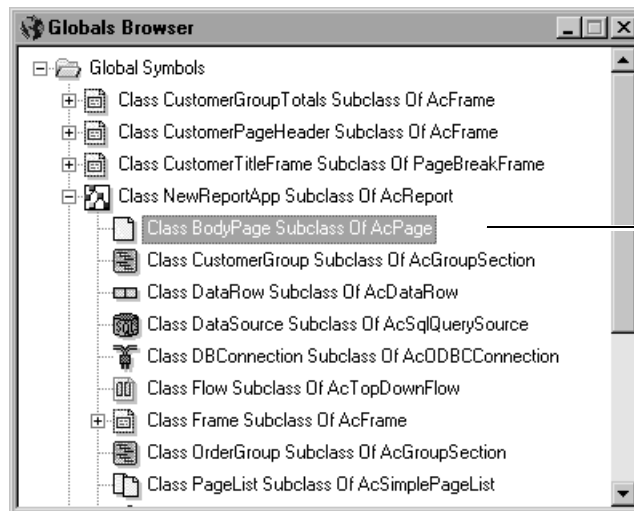
BodyPage as subclass of AcPage

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
class
descendant class
subclass
Contrast with
ancestor class
base class
derived class

reference
superclass

subpage   In Actuate e.Report Designer Professional, a component that specifies the visual design of a page associated with a section. The relevant Actuate Foundation Class is AcSubPage.
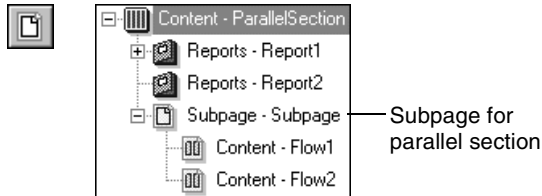
Subpage for parallel section

Related terms
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
component
page
section

subreport   In Actuate e.Report Designer Professional, a report section placed inside another section. For example, a parallel section contains several subreports. A report section placed inside another report section is sometimes called a nested report. The relevant Actuate Foundation Class is AcReportSection.
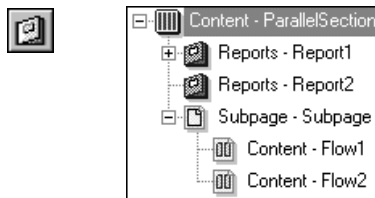
Related terms
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)
component
nested report
parallel section
report section
section
Contrast with
e.report

subroutine   A sequence of instructions that has been defined as a separate unit within a program, allowing the unit to be invoked anywhere in the program simply by

including its name as one of the instructions. Subroutines are similar to functions, except they have no return value.

Related terms
data
function
value

subscribe   A process that supports notification of users that a particular report is available for viewing. To receive notifications of reports that are viewable in a web browser, a user subscribes to a channel.

Related terms
channel
process
report
web browser

Contrast with
Actuate Active Portal
Actuate ReportCast technology
publish and subscribe
unsubscribe

Super   A keyword that accesses a method in a superclass. Super searches progressively until it finds the method.

Related terms
class
keyword
method
superclass

superclass   The immediate ancestor class.
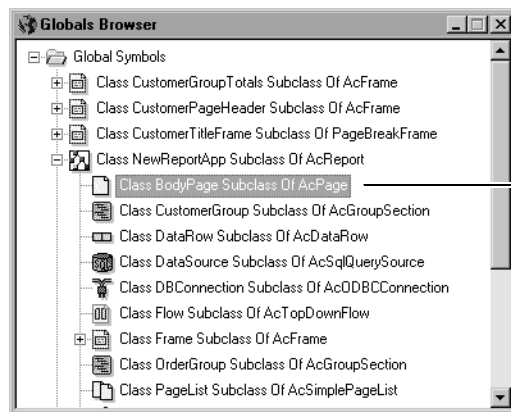
AcPage as superclass of BodyPage

Related terms
ancestor class
class

Contrast with
descendant class
subclass

Swing component architecture

In Java, a platform-independent extension to the Abstract Window Toolkit (AWT).
Related terms
Abstract Window Toolkit (AWT)
Java

symbol   An unique name that represents an entity in a program. For example, a symbol can be the name of a class or variable.
Related terms
class
variable

symmetric multiprocessor (SMP)

A multiprocessing architecture in which multiple CPUs, residing in one cabinet, share the same memory. SMP systems provide scalability.

synchronous

A report generation process or job that occurs on demand. The requesting application waits for the report to provide a page.
Related terms
job
process
report generation process
Contrast with
asynchronous

syntax   The rules that govern the structure of a language.

system administration console

A set of JavaServer Pages within the Actuate Management Console that provides system administration functions such as adding or removing servers in a cluster, taking a Report Encyclopedia volume, and user management.
Related terms
Actuate Management Console (AMC)
cluster
JavaServer Page (JSP)
Report Encyclopedia volume
Contrast with
volume administration console

tab   The label above a page in a dialog box that contains multiple pages.

Tabs to access pages in the Component Editor
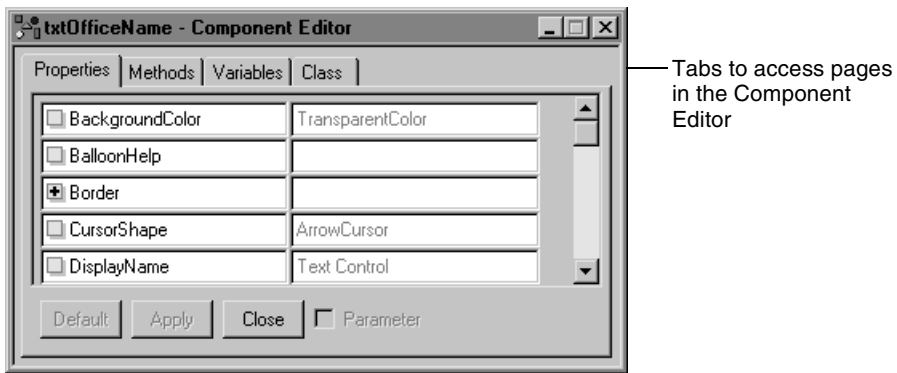
Related term
page

table   A named set of columns in a relational database. The following example is from Actuate e.Report Designer and Actuate e.Report Designer Professional.

Representation of tables in the Query Editor
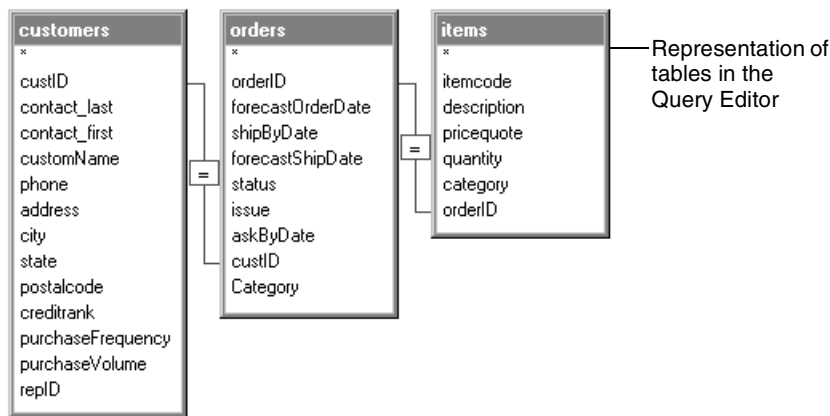
Related term
column

table of contents

A hyperlinked outline of report contents.
Related terms
hyperlink
report

tag   **1**   A property that contains a number or name that identifies a flow. The user assigns the same identifier to a flow and to a report section so that the report section prints or displays in the specified flow.

2 An element in a markup language that identifies a part of a document so that a web browser can tell how to display it.
Related terms
flow
property
report section
web browser

template **1** In Actuate ReportCast, a file that determines how generated HTML pages display in a web browser. Template files can contain HTML tags and scripting language commands which determine the format of the text, the text that should be displayed, and variables that form part of your request.

2 In Actuate e.Report Designer Java Edition, an e.report design.
Related terms
Actuate e.Report Designer Java Edition
Actuate ReportCast
design
e.report
hypertext markup language (HTML)
page
request
variable
web browser

temporary report

See express content.

text control In Actuate e.Report Designer and Actuate e.Report Designer Professional, a component that displays textual data in an e.report. For example, a text control can display customer names. A text control must be in a frame, page, or flow. The relevant Actuate Foundation Class is AcTextControl.

Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
Actuate Foundation Class (AFC)

component
control
data
e.report
flow
frame
page
Contrast with
data control
label control

Textual Query Editor (TQE)

A textual tool in Actuate e.Report Designer and Actuate e.Report Designer Professional used to write a SQL SELECT statement.
Related terms
Actuate e.Report Designer
Actuate e.Report Designer Professional
SQL SELECT statement
Contrast with
Query Editor

three-dimensional range

In Actuate e.Spreadsheet Designer, a range that spans different worksheets. This range includes the same rows and columns on those multiple worksheets. The range must be within the same workbook.
Related terms
Actuate e.Spreadsheet Designer
column
range
row

tick
A mark that occurs at regular intervals along the x- or y-axis of a chart or a graph.
Related terms
chart
graph
tick interval

tick interval
1 In report design tools that create a detail graph, the distance between tick marks on the x-axis.

Graph of ABCD price over time

Price in $

TickInterval = 1
TickIntervalUnit = GraphHourUnit

Range = 7
RangeUnit = GraphHourUnit
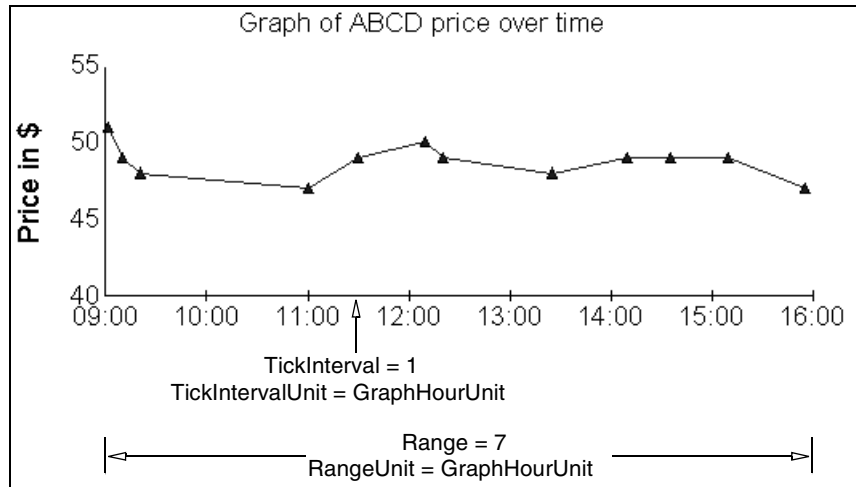
2 In report design tools that create a summary chart or graph, the type of category that is created.

Sales Per City

- Boston
- New York
- Philadelphia

TickInterval = 1
TickIntervalUnit = GraphMonthUnit

Range = 3
RangeUnit = GraphMonthUnit
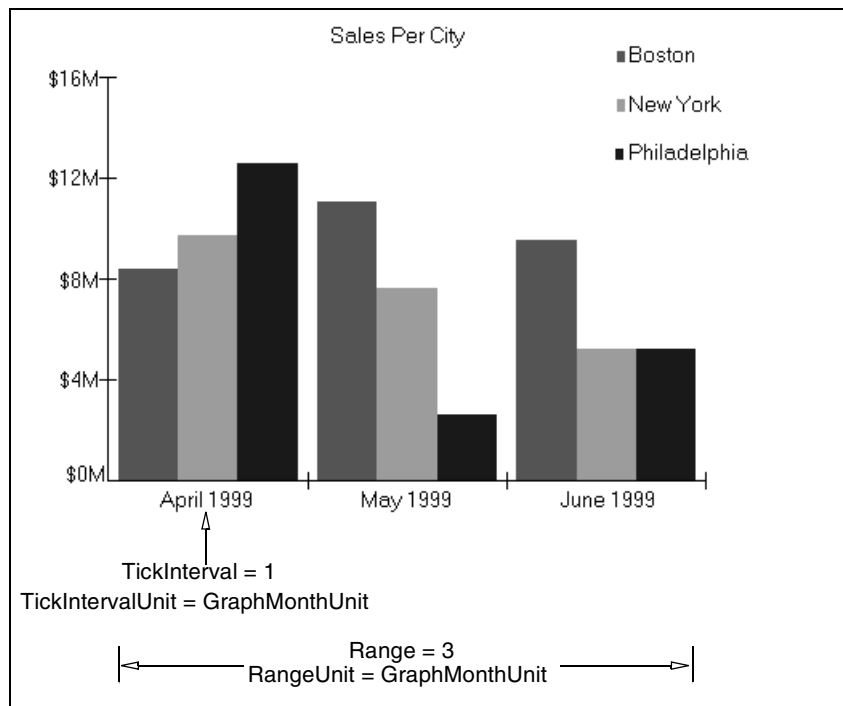
The tick interval for the x-axis is specified by the TickInterval and TickIntervalUnit properties.

3 The distance between tick marks on the y-axis or overlay axis. The tick interval for the y-axis is specified by setting YLabelStyle to GraphIntervalLabels and YTickInterval to the appropriate value. The tick interval for the overlay axis is specified by setting YOverlayLabelStyle to GraphIntervalLabels and YOverlayTickInterval to the appropriate value.
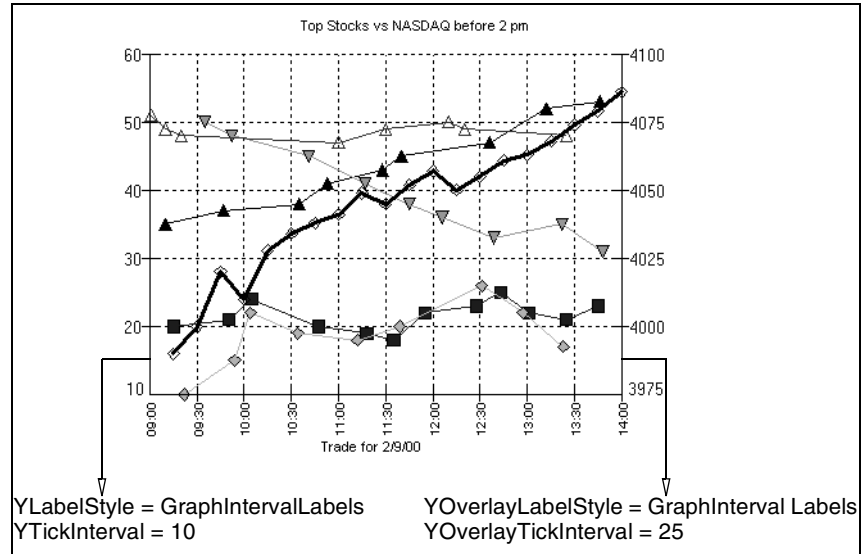
Related terms
Actuate e.Spreadsheet Designer
graph
range
time series chart
value

time series chart

A type of chart in which the calculation of the x-axis labels is based upon the Range, RangeUnit, RoundTo, TickInterval, and TickIntervalUnit properties.
Related terms
chart
graph
range
tick interval

toolbar   A bar containing various buttons that provides access to common tasks. Different toolbars are available for different kinds of tasks. The following main

toolbar is from Actuate e.Report Designer and Actuate e.Report Designer Professional.

Main Toolbar

transient object

An object that performs specialized tasks during report generation. Transient objects exist while an Actuate Basic report generates, but are not saved to the report file and do not appear when the report is viewed or printed. For example, connections and data rows are transient objects.

Related term
object
Contrast with
express content
persistent object
report object instance (.roi) file

transient report

See express content.

translator
See converter

Transporter technology

See search extension

twip
A screen-independent unit of screen measurement equal to 1/20 of a printer's point. There are approximately 1440 twips in a logical inch or 567 twips in a logical centimeter.

type
See data type and semantic type.

type declaration character

A character appended to a variable name to specify the variable's data type.

Character	Data type
%	Integer
&	Long
!	Single
#	Double
@	Currency
$	String

Related terms
data type
variable
Contrast with
semantic type

Unicode   A living language standard managed by the Technical Committee of the Unicode Consortium. The current Unicode standard provides code points for more than 65,000 characters. Unicode encoding has no dependency on platform or software program and therefore provides a basis for software internationalization.

Uniform Resource Locator (URL)

A character string that identifies the location and type of a piece of information accessible over the web. http:// is the familiar indicator that a document is accessible over the web. The characters following http://www. indicate the domain name of the computer where the information is stored and the precise place within the directory structure where the document is located.
Related terms
domain name
hypertext transfer protocol (HTTP)
web

unique ID   An identifier associated with a persistent object that distinguishes it from all other objects.
Related terms
object
persistent object
Contrast with
transient object

universal hyperlink

See hyperlink.

Universal Resource Identifier (URI)

A set of names and addresses in the form of short strings that refer to objects.
Related term
object

unsubscribe

A process by which a user removes himself from a list of recipients of specified e.reports or types of e.reports or channels. Actuate Active Portal and Actuate ReportCast technology enable subscribe and unsubscribe capabilities.
Related terms
Actuate Active Portal
Actuate ReportCast technology

channel
e.report
subscribe
Contrast with
publish and subscribe

URL   See Uniform Resource Locator (URL).

url request   A web address that contains directives for Actuate Active Portal and
ReportCast.
Related terms
Actuate Active Portal
Actuate ReportCast
directive
Contrast with
ReportCast directive
Uniform Resource Locator (URL)

user agent   Client software that interprets information provided in a particular format,
then presents the information in a format easily accessible by the user. User
agents include web, text-only, and graphical browsers, audio and Braille
browsers, search robots, and proxies.

user name   A name that identifies a user of a Report Encyclopedia volume. The
administrator uses the Actuate Management Console to create user names. A
user name can be up to 256 characters in length and contain any characters
except control characters. User names can include spaces. User names are not
case-sensitive, but names display as typed by the administrator.
Related terms
Actuate Management Console (AMC)
administrator
password
Report Encyclopedia volume
Contrast with
system administration console
volume administration console

user-defined data type

A data type defined by a programmer, not built in to the programming
language. User-defined types are classes, structures, and type definitions
assembled from built-in data types, such as numbers and characters.
Related terms
class
data type
Contrast with
semantic type

value **1** A quantity assigned to a constant, variable, parameter, or symbol.

2 A specific occurrence of an attribute. For example, blue is a possible value for the attribute color.
Related terms
constant
parameter
variable

variable A named storage location for data that can be modified while a program runs. Each variable has a unique name that identifies it within its scope. Each variable is capable of containing a certain type of data.
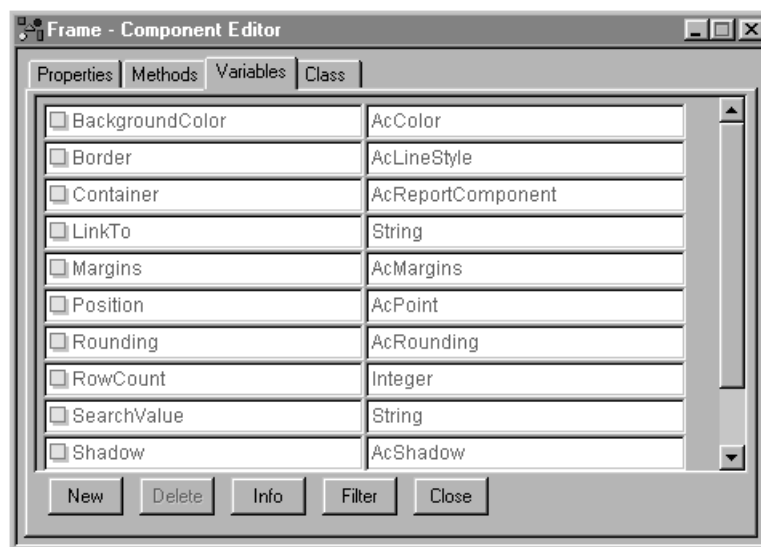**Related terms**
data
data type
scope
Contrast with
global variable
instance variable
object reference variable
semantic type
static variable

Variables page

In Actuate e.Report Designer Professional, a page in the Component Editor that lists the variables of a component. Used to add new variables or to make a variable a property or parameter.

> **Related terms**
> component
> Component Editor
> page
> parameter
> property
> variable
> **Contrast with**
> Class page
> Methods page
> Properties page

Variant data type

In Actuate e.Report Designer and Actuate e.Report Designer Professional, an Actuate Basic data type that holds data of any other type. Variants contain two pieces of information, a value and code indicating the value's type. Variant types can change dynamically when an e.report is running.

Related terms
Actuate Basic
Actuate e.Report Designer
Actuate e.Report Designer Professional
data
data type
e.report

view   In Actuate e.Analysis Option, the display of data in a cube. One dimension appears on the vertical axis and another dimension appears on the horizontal axis.

Related terms
Actuate e.Analysis Option
cube
data
dimension

View process

An Actuate e.Reporting Server process that renders the Actuate report documents to DHTML, PDF, or XML format. The server processes are Encyclopedia, Factory, Process Manager, and View.

Related terms
Actuate e.Reporting Server
dynamic hypertext markup language (DHTML)
Encyclopedia process
Factory process
Process Manager
extensible markup language (XML)

Contrast with
View service

View service

A mechanism within the Actuate e.Reporting Server that manages rendering the completed report to its final output format such as DHTML. Other services are Administration, Encyclopedia service, and Message Distribution service.
Related terms
Actuate e.Reporting Server
dynamic hypertext markup language (DHTML)
Encyclopedia service
Factory service
Message Distribution service
report
Contrast with
View process

Viewer

See Actuate Viewer.

virtual class

See abstract base class.

visible privilege

A privilege that provides the ability to view items in the Report Encyclopedia volume. Other privileges include delete, execute, grant, read, secure read, and write.
Related terms
delete privilege
execute privilege
grant privilege
privilege
read privilege
secure read privilege
Report Encyclopedia volume
write privilege

Visual Basic

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a programming language developed by Microsoft. Actuate Basic is compatible with Visual Basic 3.0 and has object-oriented extensions.
Related terms
Actuate Basic
Actuate e.Report Designer
Actuate e.Report Designer Professional

visual component

A component, such as a control or a frame, that displays data or static graphic elements in an report.

Related terms
component
data
report
Contrast with
structural component

visual programming

In Actuate e.Report Designer and Actuate e.Report Designer Professional, a method of writing applications by dragging and dropping components in the Design Editor and setting optional properties. Actuate translates these actions into Actuate Basic code.

Related terms
Actuate Basic
application
component
Design Editor
property
Contrast with
object-oriented programming

volume   See Report Encyclopedia volume.

volume administration console

A set of JavaServer Pages within the Actuate Management Console that provides volume administration functions such as creating channels, roles, security, and users for Report Encyclopedia volumes.

Related terms
Actuate Management Console (AMC)
JavaServer Page (JSP)
Report Encyclopedia volume
Contrast with
system administration console

web   An information system accessed through the internet. The information available is heavily cross-referenced and linked so you access information by clicking hyperlinks that take you to other documents. The web uses the HyperText Transfer Protocol (HTTP) that specifies how an application locates and acquires documents stored on other computers also connected to the internet.

Related terms
hyperlink
hypertext transfer protocol (HTTP)
link

Web Agent   See Actuate ReportCast.

web browser

An application that runs on a computer connected to the internet and provides access to information distributed on the web. A report in DHTML format displays in a web browser.
Related terms
browser
dynamic hypertext markup language (DHTML)
web

webcast   See Actuate ReportCast technology.

web directive

A command used to generate content for a web page. The web page contains the directive. In some situations, a web directive can be a parameter used by a command. The web server executes the command when a user views the web page. For example, a command embedded in a URL can be passed by Actuate Active Portal to Actuate e.Reporting Server. An example of such a command is:

    http://mycorp:8080/acweb/servlet/ViewPage?name=msbargph&type=
    ROI&format=DHTML&page=1

Related terms
Actuate Active Portal
Actuate e.Reporting Server
command
directive
page
parameter
Unicode
web
web page
web server

web link control

See hyperlink.

web page   See hypertext markup language page.

web server   A computer that provides web services on the internet. It includes the hardware, operating system, web server software, TCP/IP protocols, and the

web site content in the form of web pages. A web server that is used internally and not by the public can be called an intranet server. The term can refer to just the software and not the entire computer system. In such cases, it is a program that accepts requests for information based on the HyperText Transfer Protocol (HTTP). The server processes the request and sends the document in the form of an HTML document or web page to the web browser for display. The web server also executes server-side scripts, such as CGI scripts, JSPs, ASPs and so on that provide functions such as database searching and e-commerce.

Related terms
Active Server Page (ASP)
Common Gateway Interface (CGI)
hypertext markup language (HTML)
hypertext transfer protocol (HTTP)
JavaServer Page (JSP)
web
web browser
web page
Contrast with
Web Services Description Language (WSDL)

Web Services Description Language (WSDL)

An XML-based language used to describe electronic business services and access to those services.
Related terms
extensible markup language (XML)
web

wildcard   A character used in a search or conditional expression that matches one or more literal characters. Actuate wildcards include the following.

Wildcard	Definition
?	Match any one character (one- or two-byte character)
#	Match any ASCII numeric character [0-9]
*	Match any number of character(s)

Related term
search expression

World Wide Web Consortium (W3C)

An international, but unofficial, standards body that provides recommendations regarding web standards. The World Wide Web Consortium publishes several levels of documents including notes, working drafts, proposed recommendations, and recommendations about web applications related to topics such as HTML and XML.

Related terms
application
extensible markup language (XML)
hypertext markup language (HTML)
web

write privilege

A privilege that provides the ability to place an item in a Report Encyclopedia folder. Other privileges include delete, execute, grant, read, secure read, and visible.
Related terms
delete privilege
execute privilege
grant privilege
privilege
read privilege
Report Encyclopedia volume
secure read privilege
visible privilege

WSDL   See Web Services Description Language (WSDL).

WWW   See web.

XML converter

A tool that changes data in one XML format to another XML format.
Related terms
data
extensible markup language (XML)
Contrast with
converter

XML (extensible markup language)

See extensible markup language (XML)

XML data format

A data format produced by Actuate e.Report Designer Professional for use in XML display format reports.
Related terms
Actuate e.Report Designer Professional
data
extensible markup language (XML)
XML display format

XML data stream

Output generated by an XML converter.
Related terms
converter
extensible markup language (XML)
XML converter

XML display format

An Actuate report format that encapsulates XML data and XML display formatting.
Related terms
data
report
XML display format
Contrast with
XML data format

XML namespace

An identifier in an XML message for element types and attribute names referenced by a universal resource identifier (URI). The URI points to the document that contains definitions for the element types and attribute names. For example:

xmlns="http://www.actuate.com/soap/2001/12/eReportSchema/
ClusterAdministration:
Related terms
extensible markup language (XML)
Universal Resource Identifier (URI)
Contrast with
Unicode

XML PATH language (XPath)

XPath is a subset of XSLT that supports addressing an element or elements within an XML document based on a path through the document hierarchy.
Related terms
extensible markup language (XML)
extensible stylesheet language transformations (XSLT)
extensible stylesheet language transformations stylesheet (XSLT stylesheet)

XML report   A report in XML display format dynamically generated from an Actuate report object instance (.roi).
Related terms
extensible markup language (XML)
report
report object instance (.roi) file

Contrast with
DHTML report
e.spreadsheet report
structured content

XPath   See XML PATH language (XPath).

XSL (extensible stylesheet language)

See extensible stylesheet language (XSL)

XSLT   See extensible stylesheet language transformations (XSLT).

XSLT stylesheet

See extensible stylesheet language transformations stylesheet (XSLT stylesheet).

zone   In Actuate e.Report Designer Java Edition, a component that contains controls to display information in an e.report.
Related terms
Actuate e.Report Designer Java Edition
component
control
e.report
Contrast with
frame